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The Riley Group, Inc.

Geotechnical Engineering • Environmental • Wetland Services

**PHASE II SUBSURFACE
SITE INVESTIGATION**

**SILVER BAY LOGGING
S. KENYON STREET & 8TH AVENUE SOUTH
SEATTLE, WASHINGTON**

February 2004

Prepared by:

**The Riley Group, Inc.
10728 Lake City Way NE
Seattle, Washington 98125**

Prepared for:

**Mr. Errol Champion
Silver Bay Logging
8429 Livingston
Juneau, Alaska 99801**

Project No. 2003-232

USEPA SF



1328671

Offices located in Washington and Oregon



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Introduction and Overview

This report presents the results of a preliminary Phase II subsurface investigation conducted by The Riley Group, Inc. (Riley) at the Silver Bay Logging (SBL) facility (hereafter referred to as the Site) located on the northeast corner of South Kenyon Street and 8th Avenue South, in Seattle, Washington (Figure 1). The Site includes five contiguous upland tax parcels, totaling about 3.29 acres. The Lower Duwamish Waterway adjoins the Site to the east.

The Site was used by SBL primarily for the storage and distribution of wood products and associated administrative functions. The Site was historically occupied by one gasoline service station, another gasoline/diesel refueling area, a boat building and repair business, a gravel covered miscellaneous storage yard, a slug bait manufacturer and several single family residences.

The report provides a preliminary analysis of Site soil and groundwater conditions. This report was not meant to specifically address off-shore environmental issues associated with the Duwamish Waterway (if any). The report presents a regulatory analysis of the environmental data for the Site, and provides a determination of whether the environmental conditions at the Site meet compliance with the requirements of the Washington State Department of Ecology (Ecology) Model Toxics Control Act (MTCA) Cleanup Regulations (WAC 173-340, Revised February 12, 2001).

Background Information

In 2002, Riley was contracted by SBL to perform a Phase I Environmental Site Assessment (ESA) for the Site. Our Phase I ESA findings and conclusions were presented in our final report dated March 14, 2002, and are summarized below. The locations of former Site uses are shown in Figure 3.

- The Lower Duwamish Waterway was listed on the National Priorities List (NPL) by the United States Environmental Protection Agency (USEPA) due to contamination from decades of industrial activity conducted along and near the waterway.
- A USEPA site investigation report for the Lower Duwamish Waterway showed that three sediment samples collected just off-shore from the Site had elevated concentrations of various contaminants, including hexachlorobenzene, above the Washington State sediment quality standards.
- In 1974, one 5,000-gallon gasoline underground storage tank (UST), one 10,000-gallon diesel UST and associated pump island were installed somewhere in the general vicinity of the Site's shop building at 816 South Kenyon Street and a warehouse at 7814 8th Avenue South. The exact location of the former USTs is unknown. The former pump island was located between the 816 and 836 shops. No

documentation was found that indicated that the USTs have been removed. Furthermore, it was unknown whether or not the former fuel system (i.e., USTs, underground piping, pump islands, etc.) had adversely affected Site soil and groundwater quality.

- The Site was utilized by a boat building/repair business for approximately 17 years. It was concluded that the potential use, waste generation, handling and/or disposal of lead-based paints and wood treatment preservatives/solvents on-Site posed a potential threat to Site soil and/or groundwater quality.
- A small gasoline service station was located on the northern corner of the Site from at least 1929 to as late as 1937. No documentation was found that indicated that the USTs have been removed. It was unknown whether or not the former gasoline station activities (i.e., storage, use, handling of petroleum, solvent or other wastes) had adversely affected Site soil and groundwater quality.
- Over 20 single family residences occupied the Site during the early to mid-1900s, which may have utilized heating oil USTs. Riley concluded that the potential for abandoned heating oil USTs, or potential petroleum release, posed a threat to Site soil and/or groundwater quality.

Purpose of the Report

The purpose of this report is to present the findings of this preliminary Phase II subsurface investigation completed for the Site uplands. The scope of work was meant as an initial assessment regarding the upland environmental issues identified in our Phase I ESA dated March 14, 2002. The scope was not meant to specifically address the off-shore sediments or any associated environmental issues.

The Phase II scope of work was performed in general accordance with our *Preliminary Phase II Site Investigation Proposal*, executed on November 3, 2003, as well as our *Preliminary Phase II Site Investigation Work Plan*, dated November 26, 2003.

Organization of the Report

This report is organized to present basic information on Site features, conditions of the property, and to provide a summary of the soil and groundwater data collected from the Site presented with a regulatory analysis to evaluate the compliance with the requirements of the Ecology Model Toxics Control Act (MTCA) Cleanup Regulations (WAC 173-340, Revised February 12, 2001). Additional supporting documentation and referenced information for the report such as laboratory analytical reports and field logs are provided as Appendices A through E.

Project Site Conditions

The Site consists of 5 legal tax parcels identified in the King County Tax Assessor's records under the property identification numbers as follows:

- Tax parcel 7327903645 (northern parcel, 0.82 acre);
- Tax parcel 7327902520 (southern parcel, 1.91 acres);
- Tax parcel 7327902480 (central parcel, 0.11 acres);
- Tax parcel 7327902500 (central-southern parcel, 0.11 acres); and
- Tax parcel 7327902490 (central-northern parcel, 0.11 acres).

In addition, SBL leases a portion of the Site from the City of Seattle. The leased portion, approximately 0.23 acre, corresponds to the right-of-way for that portion of South Chicago Street that formerly extended east of 8th Avenue South. Please refer to Figure 2 for the tax parcel outlines.

Property Description and Setting

The Site is a relatively flat irregular-shaped, approximately 3.29-acre property located along the Lower Duwamish Waterway (Figure 2).

The Site, with the exception of the storage area on the southeastern corner, is paved or improved with buildings. The Site was paved in 1999. The Site is generally secured with chain link fence or "Ecology" blocks.

Electromagnetic/Ground Penetrating Radar Survey

On November 19 and 26, 2003, Riley performed a geophysical electromagnetic (EM)/ground penetrating radar (GPR) survey at the Site. The purpose of the EM/GPR survey was to attempt to identify any abandoned fuel USTs and/or other buried anomalies in the surveyed areas. The survey covered Site areas known to have had UST fuel systems. Copies of the geophysical reports are included in Appendix A.

Riley contracted Apollo Geophysics Corporation (Apollo) to conduct the initial EM/GPR survey on November 19, 2003. Site access was adequate, except for the vegetated area in the outdoor material storage area (southeastern portion of the Site), which limited the survey in that location.

Apollo traversed the Site with the EM instrument on approximate three- to five-foot line spacings, which produced a total of nine target areas (anomalies). The target areas were further investigated using GPR, which established a relative depth, size, and ground projection of the anomaly. Three of the anomalies, two on the northern portion of the Site and one on the southeastern corner of the Site, had GPR signatures possibly associated with USTs. The location of these three anomalies coincided with the Site's

former gasoline station (on the north) and in the gravel covered material storage yard (southeast corner of the Site). The six other anomalies had GPR signatures that may be associated with piping, concrete rubble, and/or metallic debris. Figure 4 shows the location of the geophysical anomalies.

Riley contracted Geo Recon International (Geo Recon) to complete the GPR survey in the southwestern portion of the Site on November 26, 2003. Two USTs had reportedly been installed in this area in 1974. Reinforced concrete is present in this area; therefore, an EM survey was not performed since the metal reinforcements would have interfered with the survey results. Geo Recon scanned the area in east-west lines with approximately four- to five-foot centers. GPR penetration was reportedly to a depth of 10 feet below ground surface (bgs). No evidence of any abandoned USTs were identified in this area.

The geophysical survey technique provides good information on the location of possible USTs and other buried objects. However, because of the numerous variables involved in geophysical investigations, there is a possibility that some subsurface features may not be detected, including possible USTs. Other buried features, such as foundations, pipes, rubble, etc., may complicate the interpretation of the geophysical data.

Site Geology and Hydrogeology

Overview of the Project Area - Boring logs for the Site vicinity indicated sand and silt with localized cobbles and gravel to a depth of at least 105 feet bgs. Static groundwater was typically reported at depth of 20 feet or less bgs.

Project Site – In general, Site soils to depths of two to three feet appeared to be fill and consisted of sandy gravels with cobbles and various debris (e.g., wood fragments). Beneath the fill were gray silty sand or sandy silt deposits to the maximum depth explored, which was 12 feet bgs. Static groundwater was also intercepted during drilling at depths ranging from approximately 6 to 10 feet bgs.

Regulatory Analysis of Site Conditions under the Model Toxics Control Act (MTCA)

Washington's hazardous substance cleanup law, the Model Toxics Control Act (RCW 70.105D) mandates that site cleanups protect human health and the environment. The MTCA Cleanup Regulation (WAC173-340) defines the approach for establishing cleanup requirements for individual sites, including the establishment of cleanup standards and selection of cleanup actions.

Current and Proposed Use of the Site

Current Use

The Site is zoned for industrial use (IG2) and qualifies as an *industrial* property according to MTCA Section 173-240-745.

Proposed Use

Riley assumes that the proposed land will remain industrial.

Applicable MTCA Cleanup Standards for the Site

The MTCA Soil and Groundwater Cleanup Levels used for comparisons with Site data are summarized below and are included in Tables 1 and 2.

Soil data obtained by our investigation are compared to the routine MTCA Method A Soil Cleanup Levels for Industrial Properties (WAC 173-340, Table 745-1).

Groundwater data obtained by our investigation are compared to the MTCA Method A Groundwater Cleanup Levels¹ (WAC 173-340, Table 720-1). MTCA provides no routine Method A Groundwater Cleanup Levels for Industrial Property.

Method A cleanup standards have been adopted for specific purposes and are intended to provide conservative cleanup levels for sites undergoing routine site characterization or cleanup actions, or those sites with relatively few hazardous substances.

MTCA does provide options for establishing cleanup levels other than Method A. Cleanup levels under Method B or C are established using applicable state and federal laws and risk assessment equations and other requirements specified for each medium (soil, groundwater, air, surface water). Method B applies to unrestricted land use, while Method C applies to industrial properties. The result of Method B or C cleanup levels often, though not always, result in higher cleanup levels compared to Method A, while remaining protective of human health and the environment.

For some compounds evaluated in this investigation, no Method A cleanup levels have been established. In order to determine whether those compounds were present at levels that would be harmful to human health or the environment, the detected concentrations were compared to MTCA Method C cleanup levels.

Contaminants of Potential Concern (COPCs)

Based on Site uses, Riley determined that the primary COPCs for the Site are:

- Gasoline total petroleum hydrocarbons (TPH) and benzene, toluene, ethylbenzene and total xylenes (BTEX);
- Diesel and oil range TPH;

¹ Based on being protective of drinking water as the most beneficial use.

- Halogenated volatile (HVOCs) and semivolatile organic compounds (SVOCs);
- Polychlorinated biphenyls (PCBs); and
- Toxic metals.

Soils Investigation – Soil Quality at the Property

On December 4 and December 12, 2003, and January 12, 2004, Riley advanced a total of 14 soil probes (SB-01 through SB-14) and two hand auger borings (HA-1 and HA-2) on-Site. Soil boring locations are shown in Figure 5. The soil probes were advanced with a truck-mounted hydraulic direct-push soil probe unit. Test probes were advanced until groundwater was encountered, typically at depths of 6 to 10 feet bgs. Soil boring logs are included in Appendix B. The soil boring location rationale is discussed below:

- **Former gasoline service station (north end of Site):** Three soil probes (SB-01 through SB-03) were advanced to depths of 7 feet bgs to determine if the former gasoline station activities had adversely affected Site soil. Based on field screening results, one soil sample (SBL-SB-02-6-6.5) was selected and analyzed for gasoline TPH, BTEX, diesel TPH, oil TPH and total lead.
- **Chemical storage and shop area:** Soil probe SB-04 was advanced to a depth of 7 feet bgs to determine if the chemical storage and minor engine repair activities had adversely affected the Site. Based on field screening results, one soil sample (SBL-SB-04-3-4) was selected and analyzed for gasoline TPH, BTEX, diesel TPH, oil TPH, SVOCs, RCRA metals and PCBs.
- **Upland Site Conditions Near Duwamish Waterway:** Soil probes SB-05 through SB-07 were advanced along the Duwamish Waterway to depths of 6 feet bgs. Soil samples collected in this area were meant to evaluate *background* soil conditions as well as testing for SVOCs, including hexachlorobenzene and 1,2,4-trichlorobenzene (previously detected by USEPA in the Lower Duwamish off-shore sediments). Two soil samples (SBL-SB-05-3-4 and SBL-SB-06-5-6) were selected and analyzed for HVOCs and SVOCs.
- **Suspect UST and Outdoor Material Storage Area:** Borings SB-08, HA-1 and HA-2 were advanced on the southeastern corner of the Site to evaluate whether historical material storage activities and/or the suspect UST identified by our geophysical survey had adversely affected Site soil quality. Three soil samples (SBL-SB-08-3-4 and 8-8.5 and HA2-3/4) were selected and analyzed for TPH, HVOCs, SVOCs, RCRA metals, and/or PCBs.
- **Former Pump Island Area:** Soil probe SB-09 was advanced near the former pump island between the 816 and 836 shops. Probe SB-09 was advanced to a depth of 10 feet bgs. No samples were submitted for chemical analysis since no evidence of impacts (e.g., odors or stained soil) was identified.
- **Former Ship Building and Repair Area:** Probes SB-10 and SB-11 were advanced north of the 816 shop to depths of 10 feet bgs. These probes were

advanced to determine whether Site soils had been impacted from former shipbuilding, painting, and repair activities. Soil sample (SBL-SB-11-3-4) was selected and analyzed for HVOCs, SVOCs, and RCRA metals.

- **Suspect UST Area (Southwest Site):** Probes SB-12, SB-13 and SB-14 were advanced to determine if the Site had been impacted by the former USTs and refueling activities. Two soil samples (SBL-SB-12-6-7.5 and SBL-SB-7-8) were selected and analyzed for gas TPH, BTEX, diesel TPH, and oil TPH.

Soil Sample Collection – A total of 35 discrete soil samples were collected from the soil borings. Soil samples were collected and visually inspected and/or field screened in the field at 1 to 3 foot sampling depths intervals. Soil sampling and drill equipment were decontaminated prior to each sampling event. All soil samples collected for this project were screened in the field for the VOCs using a portable gas analyzer equipped with a photo-ionization detector (PID). Field screening results are summarized in Table 1. No elevated PID readings, discolored soil, or strong odors were encountered in any of the soil samples collected during our subsurface investigation.

Based on field screening results, a total of 11 discrete soil samples were selected for laboratory analysis. Since our observations and field screening results did not detect obvious soil contamination, soil samples collected near the surface or at the soil-water interface were selected for laboratory analysis.

Soil samples collected for this project were transferred to clean laboratory-provided glassware with Teflon-lined lids. The sample jars were labeled with date, time, site location (SBL), soil boring number, and sample depth. For example, sample SBL-SB-04-3-4 was collected from soil boring SB-04 at the 3-4 foot bgs depth interval. All soil samples were placed in an ice-chilled cooler and transported to the laboratory under EPA-recommended chain-of-custody protocol.

Laboratory Analysis of Soil Samples - Soil samples were submitted to CCI Analytical Laboratories of Everett, Washington, and analyzed for one or more of the following COPC:

- Diesel and oil range total petroleum hydrocarbon (TPH) using Ecology Test Method NWTPH-Dx with silica gel cleanup²;
- Gasoline TPH with benzene, toluene, ethylbenzene and total xylenes (BTEX) using Ecology Test Method NWTPH-G/BTEX;
- Halogenated volatile organic compounds (HVOCs) by EPA Method 8260;
- Semivolatile organic compounds (SVOCs) using EPA Method 8270;
- Polychlorinated biphenyls (PCBs) by EPA Method 8082 Modified; and
- Total Resource Conservation and Recovery Act (RCRA) 8 metals (including hexavalent chromium using the EPA Method 6010/7000 Series).

² Silica gel cleanup is performed prior to laboratory analysis to remove any naturally occurring biogenic material that interfere with TPH results.

Subsurface Soil Quality Results – Analytical data and corresponding MTCA Method A Soil Cleanup Levels For Industrial Properties, or Method C Cleanup Levels (when a Method A cleanup level for a particular contaminant does not exist), are summarized in Table 1 and discussed below. The laboratory report for soil has been provided in Appendix C.

Former Gasoline Service Station (North End of Site)

Gasoline TPH/BTEX, diesel or oil TPH, and lead were not detected at the laboratory practical quantification (or detection) limit (PQL) for sample SBL-SB-02-6-6.5.

Chemical storage and shop area

Diesel and oil TPH were detected in sample SBL-SB-04-3-4 at 41 and 570 milligrams per kilogram (mg/kg), respectively, below the MTCA Method A Soil Cleanup Level of 2,000 mg/kg. Gasoline TPH, SVOCs and PCBs were not detected in this sample at the laboratory PQL. Trace concentrations of barium, chromium, lead, and mercury were detected; however, the concentrations were below the applicable MTCA Method A Soil Cleanup Levels.

Upland Conditions Near Duwamish Waterway

None of the COPC analyzed, including 1,2,4-trichlorobenzene and hexachlorobenzene, were detected in soil samples SBL-SB-05-3-4 and SBL-SB-06-5-6.

Suspect UST and Outdoor Material Storage Area (South Portion of Site)

Bis(2-ethylhexyl)phthalate, a plasticizer, was detected in soil sample SBL-SB-08-3-4 at a concentration of 0.83 mg/kg. No MTCA Method A Soil Cleanup Level exists for this parameter; however, the concentration detected is below the MTCA Method C Cleanup Level of 9,380 mg/kg. No other SVOCs were detected at their repetitive laboratory PQLs.

The only RCRA 8-metal detected in sample SBL-SB-08-3-4 with concentrations exceeding the MTCA Method A Soil Cleanup Levels was cadmium (at 9.6 mg/kg). The MTCA Method A Soil Cleanup Level for Industrial Property for cadmium is 2 mg/kg³.

PCB aroclors were not detected in sample SBL-SB-08-3-4; however, the laboratory sample was inconclusive. Soil sample SBL-HA1-3/4 had a PCB Aroclor 1254 concentration of 0.2 mg/kg, below the MTCA Method A Soil Cleanup Level for Industrial Property of 1 mg/kg.

Soil samples SBL-SB-08-8-8.5 and SBL-HA2-3/4 had non-detectable concentrations of gas TPH/BTEX, diesel and oil TPH and/or HVOCs at their respective laboratory PQLs.

Former Ship Building and Repair Area

Barium, chromium, lead, and mercury were detected in sample SBL-SB-11-3-4; however, the concentrations were below applicable MTCA Method A Soil Cleanup Levels. No HVOCs or SVOCs were detected.

³ The cleanup level for cadmium is based on protection of groundwater for drinking water use (Table 745-1).

Suspect UST Area (Southwest Portion of Site)

No gas TPH, BTEX, diesel TPH, or oil TPH were detected in samples SBL-SB-12-6-7.5 and SBL-SB-7-8.

Groundwater Investigation – Groundwater Quality at the Property

This section summarizes and interprets the findings associated with the installation and sampling of 5 permanent groundwater monitoring wells across the project site.

Installation of Groundwater Monitoring Wells

On December 15, 2003, Riley installed five (5) one-inch diameter pre-packed monitoring wells (MW1 to MW5) at the Site (Figure 4). Wells were installed using a truck-mounted hydraulic direct-push drill rig owned and operated by ESN Northwest.

The wells were constructed of one-inch diameter slotted polyvinyl chloride (PVC). A pre-sand packed stainless steel mesh surrounded the screened portion of the well. The wells were completed with traffic-rated flush mount monuments and lockable well caps. The well installation equipment was steam cleaned in between locations. The monitoring well construction diagrams are included in Appendix D. Photographs of monitoring well installation and completion activities are included in Appendix E.

Well locations were based on our geophysical survey and preliminary subsurface soil investigation findings as follows:

- Well MW-01 was installed near the eastern Site boundary to evaluate *background* groundwater conditions. In addition, the well was installed adjacent to a storm water pipe that discharges surface water run-off to the Duwamish.
- Well MW-02 was installed near the 816 shop to primarily evaluate potential impacts, if any, associated with former boat repair and painting operations.
- Well MW-03 was installed near the chemical storage and shop area where our previous sampling results detected TPH concentrations in shallow soils.
- Well MW-04 was installed in the north portion of the Site to primarily evaluate potential impacts associated with the Site's former gasoline station operations.
- Well MW-05 was installed the southeastern portion of the Site in the material storage area to primarily evaluate potential impacts associated with long term material storage activities and the suspect abandoned UST determined by the geophysical survey.

In addition, groundwater quality data from wells MW1 through MW5 were useful in determining whether or not a significant petroleum release had occurred from any abandoned heating oil USTs associated with the former Site single family residences.

Depth to Groundwater & Flow Direction

Riley surveyed top of well casing (TOC) elevations using a standard survey level and stadia rod. TOC elevations were based on an arbitrary selected reference datum. Elevations are summarized in Table 3.

Depth to static water were recorded during low and high tide conditions and ranged from 3 to 10 feet bgs. In both high/low tide scenarios, the groundwater flow direction was to the southwest, towards the Site from the Duwamish Waterway. Figures 7 and 8 show groundwater contours measured on December 18, 2003 (high tide), and January 8, 2004 (low tide), respectively.

Sampling & Lab Analysis of Groundwater Samples - Groundwater samples were collected from each well using a peristaltic pump under low flow conditions, after at least 3 well volumes of water were purged from each well. Samples were collected in laboratory supplied vials or bottles and submitted to CCI Analytical Laboratories of Everett, Washington, and analyzed for one or more of the following COPC:

- Diesel/oil TPH using Ecology Test Method NWTPH-Dx with silica gel cleanup;
- Gasoline TPH with BTEX using Ecology Test Method NWTPH-G/BTEX;
- Volatile organic compounds (VOCs) by EPA Method 8260;
- Semivolatile organic compounds (SVOCs) by EPA Method 8270; and
- Dissolved RCRA 8 metals using EPA 6010/7000 Series Methods⁴. All reference herein to metal concentrations in groundwater are from field filtered samples.

Lab Results for COPC in Groundwater – Analytical data and the routine MTCA Method A Cleanup Levels (protective of drinking water use), or Method C Cleanup Levels (when a Method A cleanup level for a particular contaminant does not exist), are summarized in Table 2 and discussed below. The laboratory analytical report for groundwater has been included in Appendix F.

Monitoring Well MW-01

Groundwater was analyzed for HVOCs, SVOCs, and dissolved RCRA metals.

Diethylphthalate, a plasticizer and component of insecticidal sprays, was detected at 12 micrograms per liter ($\mu\text{g/l}$). No MTCA Method A Groundwater Cleanup Level exists for this analyte. However, this concentration was below the Method C Groundwater Cleanup Level. No other SVOCs (including hexachlorobenzene) or HVOCs (including 1,2,4-trichlorobenzene) were detected above the laboratory-reported PQLs.

⁴ Note that the laboratory PQL for certain metals (such as cadmium and chromium) for select samples exceeded the MTCA Method A Groundwater Cleanup Level. The sample required dilution due to interference from elevated sulfur-containing compounds.

Arsenic was detected in the groundwater at 25 µg/l, which exceeded the MTCA Method A Groundwater Cleanup Level of 5 µg/l. Barium was detected at 200 µg/l. No Method A cleanup level has been established for barium. The concentration is below the Method C cleanup level.

Monitoring Well MW-02

Groundwater was analyzed for diesel/oil TPH, VOCs, SVOCs, and RCRA 8-metals.

Arsenic was detected at 9 µg/l, exceeding the MTCA Method A Groundwater Cleanup Level of 5 µg/l. No other RCRA metals were detected above the laboratory PQL.

Trace concentrations of acetone (30 µg/l), 2-butanone⁵ (52 µg/l) and diethylphthalate (7 µg/l) were detected. No MTCA Method A Groundwater Cleanup Level has been established for these contaminants. However, the detected concentrations are well below their applicable MTCA Method C Groundwater Cleanup Levels.

No diesel or oil TPH, other VOCs (including 1,2,4-trichlorobenzene), or other SVOCs (including hexachlorobenzene) were detected.

Monitoring Well MW-03

Groundwater was analyzed for TPH, VOCs, and dissolved RCRA metals.

Concentrations of barium (70 µg/l), MEK (30 µg/l) and toluene (3 µg/l) were detected below the applicable MTCA Method A or C Groundwater Cleanup Level. No TPH, other VOCs or other metals (including arsenic) were detected.

Monitoring Well MW-04

Groundwater was analyzed for TPH, BTEX, HVOCS, SVOCs, and RCRA 8-metals.

Arsenic was detected at 12 µg/l, exceeding the MTCA Method A Groundwater Cleanup Level of 5 µg/l.

Diesel TPH was detected at 570 µg/l, above the MTCA Method A Groundwater Cleanup Level of 500 µg/l.

Gasoline TPH /BTEX, other metals, HVOCS or SVOCs were not detected, or had concentrations below the applicable Method A or Method C cleanup levels.

Monitoring Well MW-05

Groundwater was analyzed for VOCs, SVOCs, and dissolved RCRA metals.

MEK, trichloroethene (TCE), and tetrachloroethylene (PCE) were detected. The concentration of PCE (16 µg/l), a cleaning solvent and degreaser, exceeded the MTCA Method A Groundwater Cleanup Level of 5 µg/l. However, the TCE and MEK concentrations were below applicable Method A or Method C cleanup levels, respectively. No other VOCs, including 1,2,4-trichlorobenzene, were detected.

Benzyl alcohol, a component of many solvents, lacquers, and insect repellents, was detected at 4 µg/l. Isophorone, a solvent for lacquers and epoxy, was detected at 3 µg/l.

⁵ Also referred to as methyl ethyl ketone (or MEK, a relatively common solvent)

Diethylphthalate was detected at 12 µg/l. Di-n-butylphthalate, used in plastics and as a softener for lacquers, oils, and resins, was detected at 5 µg/l. Concentrations of these compounds were all below the applicable MTCA Method A or C Groundwater Cleanup Levels. No metals or other SVOCs, including hexachlorobenzene, were detected.

Groundwater Compliance with MTCA Method A and C Standards – The COPC detected in shallow groundwater underlying the Site, at concentrations exceeding the MTCA Method A Groundwater Cleanup Levels, included diesel range TPH, dissolved arsenic, and PCE as summarized below and shown on Figure 6.

- Diesel TPH was detected in well MW-04 at 570 µg/l, slightly above the MTCA Method A Groundwater Cleanup Level of 500 µg/l.
- PCE was detected in well MW-05 at 16 µg/l, which exceeds the MTCA A Groundwater Cleanup Level of 5 µg/l.
- Dissolved arsenic was detected in wells MW-01, MW-02, and MW-04 at concentrations ranging from 9 µg/l to 25 µg/l, which exceed the MTCA A Groundwater Cleanup Level of 5 µg/l.

Findings and Conclusions

This report section presents a summary of the findings and the conclusions of the investigation.

Potential Abandoned USTs

Based on the geophysical findings, two abandoned fuel USTs may be located at the north portion of the Site (former gasoline station location). In addition, geophysical results suggested that an abandoned UST may be located in the graveled covered miscellaneous storage yard at the Site's southeast corner.

Site Soil Quality

Ten of 11 samples selected for analysis had either non-detectable concentrations of the COPC or had concentrations below the applicable MTCA Method A Soil Cleanup Levels for Industrial Properties (Tables 745-1). One shallow soil sample collected in the miscellaneous storage area (southeast portion of the Site) had a cadmium concentration above MTCA Method A Soil Cleanup Levels. The origin and extent of the cadmium is unknown at this time.

Based on our preliminary subsurface investigation findings, Riley concludes that Site soils have not been significantly affected by prior Site uses (including former underground fuel systems, slug bait manufacturing, boat building/repair, miscellaneous chemical storage, etc.).

Site Groundwater Quality

Shallow static groundwater intercepted by four of the five groundwater monitoring wells installed on-Site had concentrations of diesel TPH, arsenic and/or PCE above their respective MTCA Method A Groundwater Cleanup Levels. No free product or visible hydrocarbon sheens were noted during our groundwater investigation.

The COPC with concentrations exceeding the MTCA Method A Groundwater Cleanup Levels and their occurrence are summarized below:

- Diesel TPH was detected in groundwater beneath the former gasoline station (north end of the Site) at 570 µg/l, above the MTCA Method A Groundwater Cleanup Level of 500 µg/l. The diesel TPH likely originated from the former fuel system (diesel USTs). The lateral extent of the diesel TPH in groundwater is unknown at this time. However, the relatively low concentration detected, albeit from only one sample location, and lack of gasoline range TPH/BTEX present, suggests that a significant or large-scale release of petroleum hydrocarbons from the former UST system has not occurred.
- PCE was detected in groundwater beneath the graveled covered material storage yard at the Site's southeast corner at 16 µg/l. This concentration is above the MTCA Method A Groundwater Cleanup Level of 5 µg/l. The origin and extent of the PCE in groundwater in this area is unknown at this time. Based on analytical results, the PCE may be undergoing natural degradation since TCE, a first level breakdown product of PCE, was detected at a concentration of 2 µg/l.
- Dissolved arsenic was detected in groundwater sampled at three of five wells at concentrations ranging from 9 µg/l to 25 µg/l, exceeding the MTCA Method Groundwater Cleanup Level of 5 µg/l. Although these concentrations exceed the routine Method A cleanup levels, it is our opinion that these concentrations do not pose an immediate threat to human health and/or the environment. Our opinion is based on the fact that the Method A cleanup levels are based on being protective of drinking water quality and the high likelihood that drinking water wells are not in-use along the Lower Duwamish Waterway.

The origin of the arsenic in groundwater is unknown. Former Site uses (slug bait manufacturing, boat repair) may have contributed. However, the presence of arsenic was not detected in soil during our subsurface investigation. The arsenic concentrations detected in groundwater may represent *naturally occurring* or *background* concentrations; either associated with imported fill or due to long term industrial use of the Lower Duwamish Waterway area.

The results of our limited groundwater investigation confirmed concentrations of selected contaminants exceeding the routine MTCA Method A Groundwater Cleanup Levels. Some of these COPC may have originated from former Site uses, or may represent background conditions for the Lower Duwamish Waterway. However, based on the long term industrial nature and use of the Site and the surrounding area, as well as the low probability that groundwater in the area would be used for drinking water, it is our opinion that the concentrations in groundwater detected by our study are relatively low and do not pose an immediate threat to human health or the environment.

References

Chapter 173-340 Washington Administrative Code (WAC), *Model Toxics Control Act (MTCA)*, Amended 2-12-01.

The Riley Group, Inc., *Phase I Environmental Site Assessment*, March 14, 2002.

Limitations

Work for this project was performed, and this report was prepared, in accordance with generally accepted professional practices for the nature and conditions of work completed in the same or similar localities, at the time the work was performed. It is intended for the exclusive use of the Client for specific application to the referenced property. This report does not represent a legal opinion. No other warranty, expressed or implied, is made.

As previously stated in this report, our interpretations and conclusions are based on visual observations of accessible areas at the time of our investigation and are not meant to pertain to other areas not inspected or evaluated during our investigation.

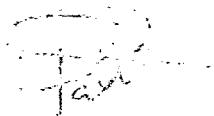
Signatures of Environmental Professionals

Any questions regarding the work within this report, the presentation of the information, or the interpretation of the data are welcome and should be referred to the undersigned.

Sincerely,



Elizabeth Rachman, L.G.
Project Geologist



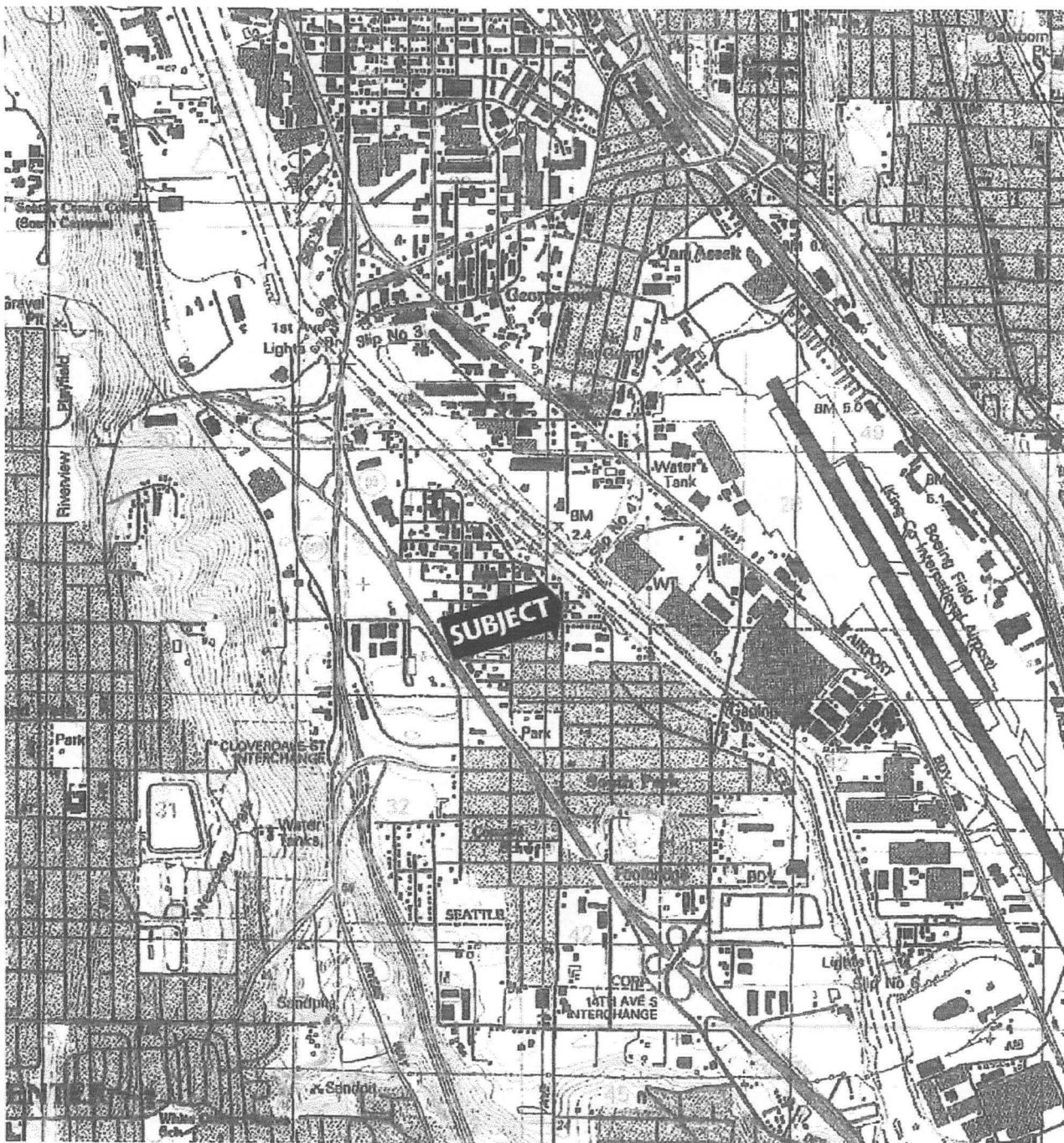
Paul D. Riley, L.G., L.H.G.
Principal Geologist

Report Distribution: Silver Bay Logging Attn: Mr. Errol Champion (2 bound copies)

Attachments:

- | | |
|-------------------|--|
| <i>Figure 1</i> | <i>Site Vicinity Map</i> |
| <i>Figure 2</i> | <i>Site Layout Map</i> |
| <i>Figure 3</i> | <i>Historical Site Use Map</i> |
| <i>Figure 4</i> | <i>Identified EM/GPR Anomalies</i> |
| <i>Figure 5</i> | <i>Soil Boring, Potential Abandoned USTs & Identified Soil Impacts</i> |
| <i>Figure 6</i> | <i>Monitoring Well Locations and Identified Groundwater Impacts</i> |
| <i>Figure 7</i> | <i>Groundwater Contour Map – 12/18/03 – Rising Tide Conditions</i> |
| <i>Figure 8</i> | <i>Groundwater Contour Map – 01/08/04 – Falling Tide Conditions</i> |
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 | |
| <i>Table 1</i> | <i>Summary of Subsurface Soil Sample Results for the SBL Property</i> |
| <i>Table 2</i> | <i>Summary of Groundwater Sample Results for the SBL Property</i> |
| <i>Table 3</i> | <i>Summary of Groundwater Elevation Data for SBL Property</i> |
|
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| <i>Appendix A</i> | <i>EM/GPR Survey Reports</i> |
| <i>Appendix B</i> | <i>Soil Boring Logs</i> |
| <i>Appendix C</i> | <i>Soil Analytical Results</i> |
| <i>Appendix D</i> | <i>Monitoring Well Construction Diagrams</i> |
| <i>Appendix E</i> | <i>Site Photographs</i> |
| <i>Appendix F</i> | <i>Groundwater Analytical Results</i> |

Figures



USGS, 1983 Seattle South, Washington
7.5-Minute Quadrangle

Scale = 1:24,000



The Riley Group, Inc.
10728 LAKE CITY WAY NE
SEATTLE, WASHINGTON 98125

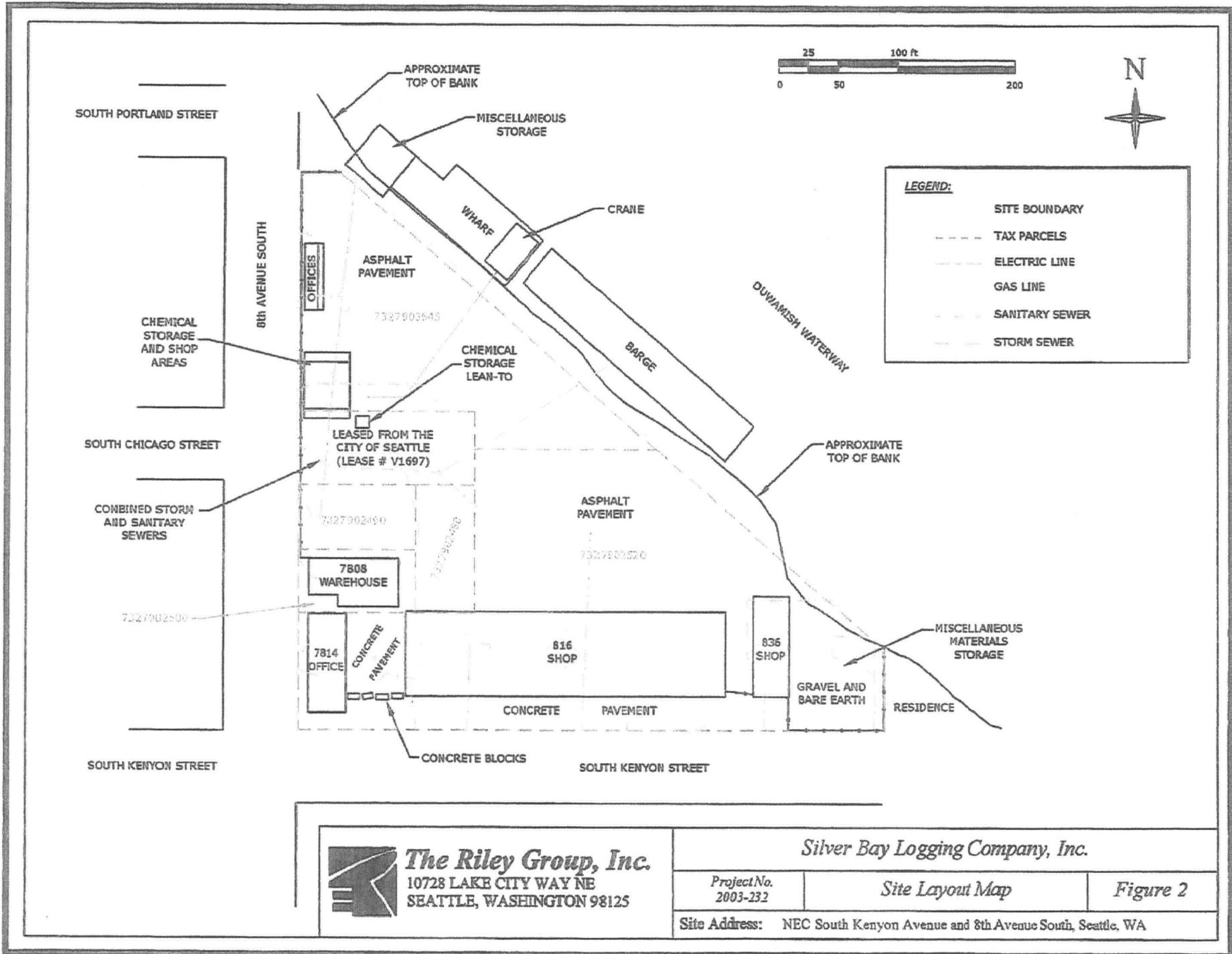
Silver Bay Logging

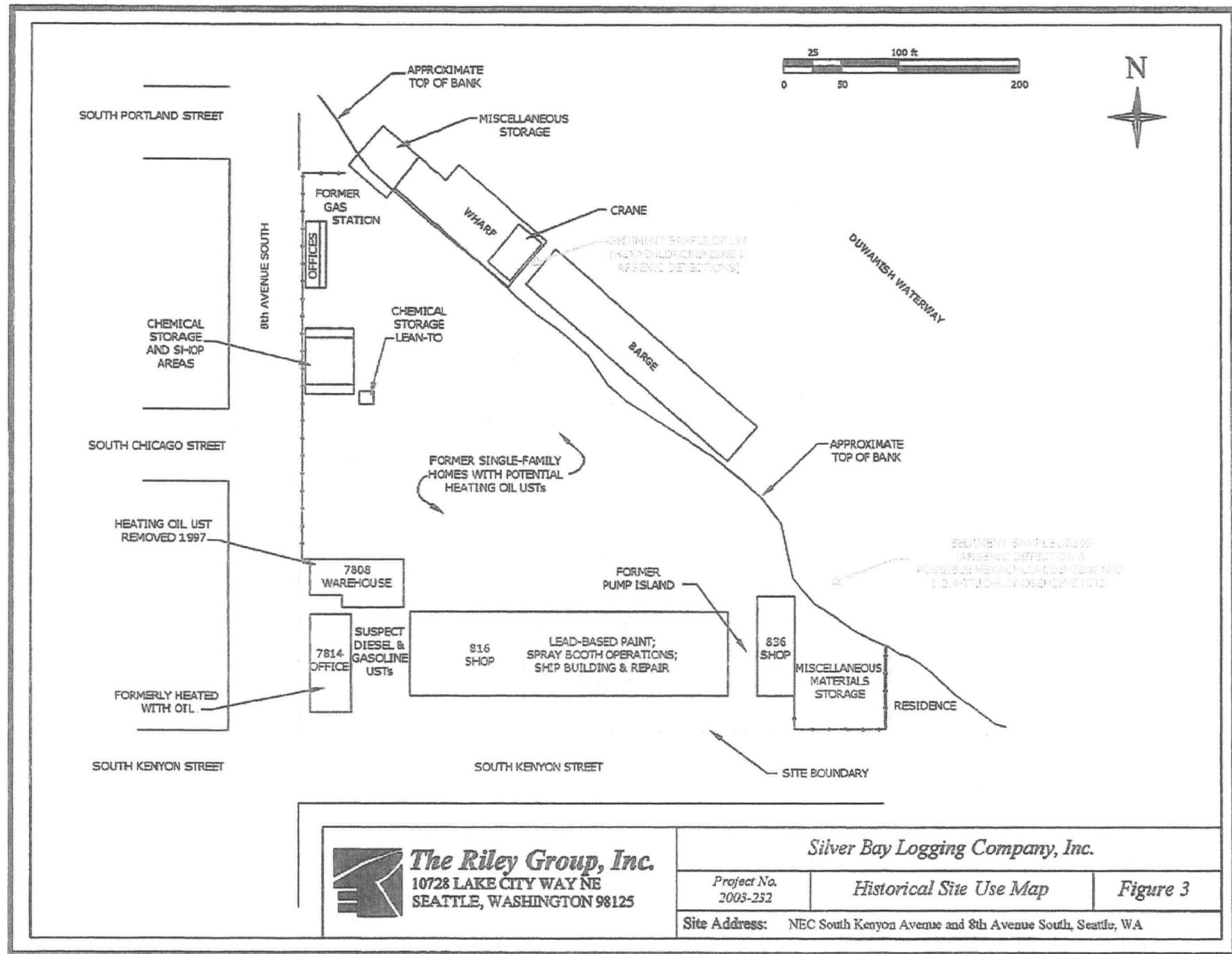
Project # 2003-232

Site Vicinity Map

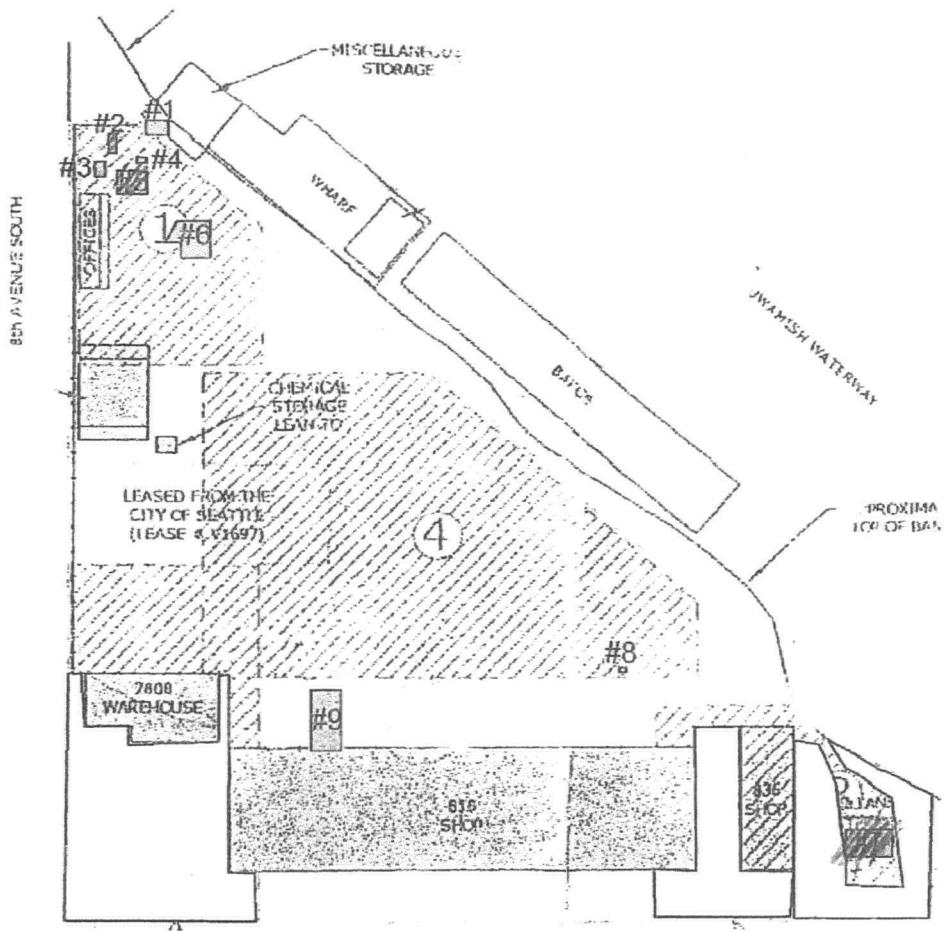
Figure 1

Site Address: NEC South Kenyon Street and 8th Avenue South, Seattle, Washington





Site Plan



LEGEND

Approximate location of suspected UST

Approximate area underlain by wire mesh/rebar or covered with vegetation

Approximate location of anomaly

Approximate Scale:
1 inch = 100 feet

Note: Site Plan created from an undated location map provided by The Riley Group, Inc. titled, "Silver Bay Logging Company, Inc. - Proposed EM/GPR Survey Areas." The locations of all features shown are approximate.

Source: Apollo Geophysics Corporation



The Riley Group, Inc.
10728 LAKE CITY WAY NE
SEATTLE, WASHINGTON 98125

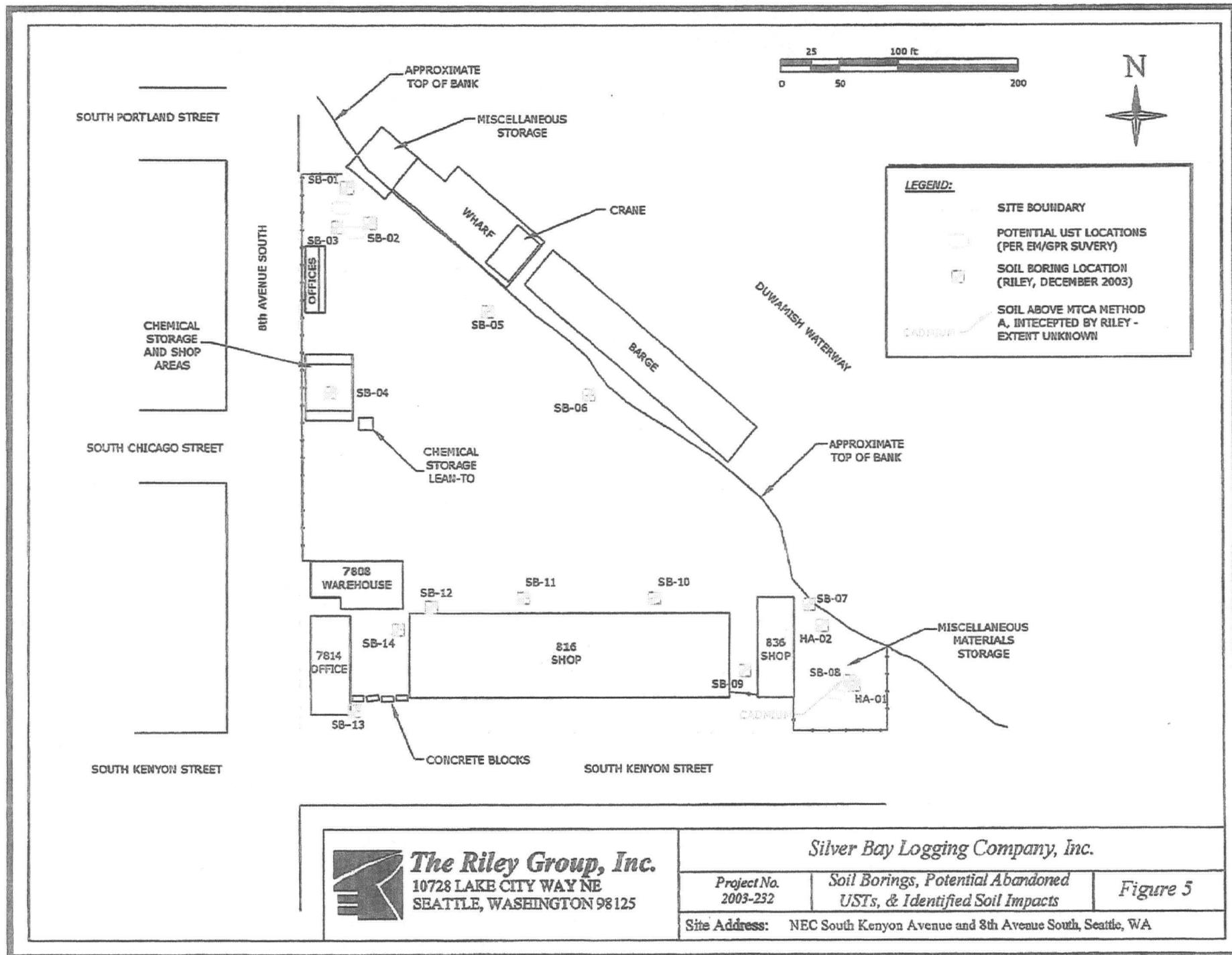
Silver Bay Logging

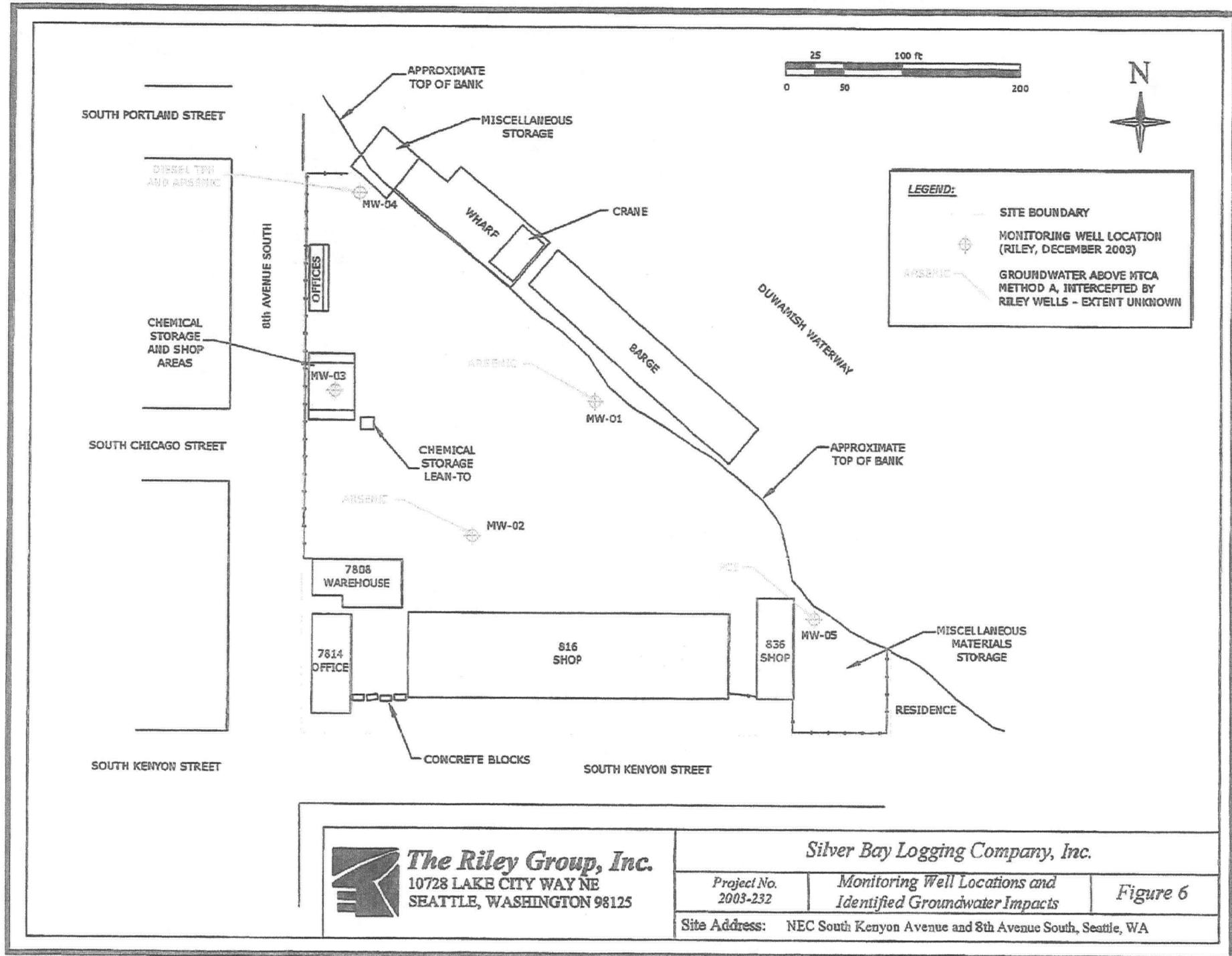
Project # 2003-232

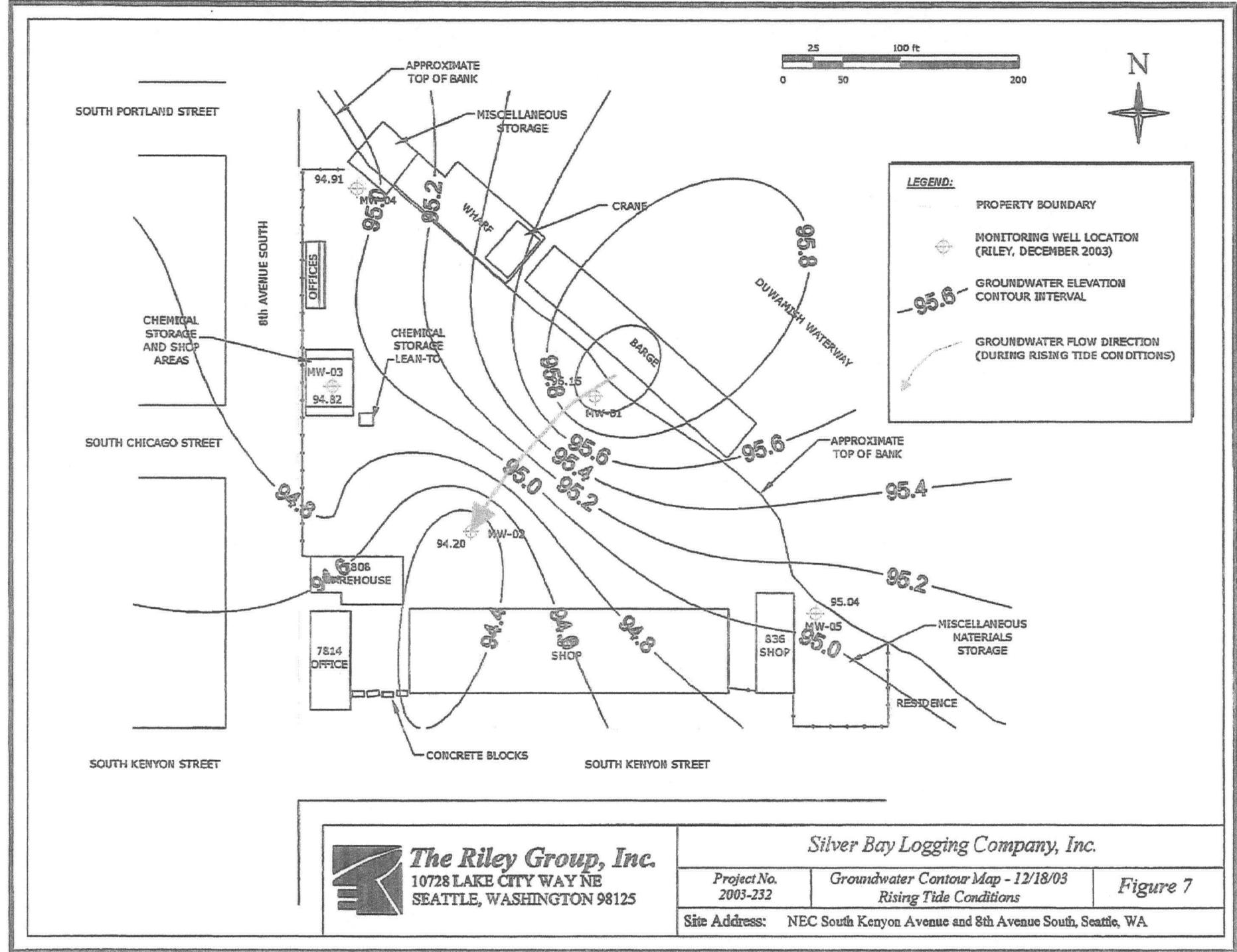
Identified EM/GPR Anomalies

Figure 4

Site Address: NEC South Kenyon Street and 8th Avenue South, Seattle, Washington







The Riley Group, Inc.
10728 LAKE CITY WAY NE
SEATTLE, WASHINGTON 98125

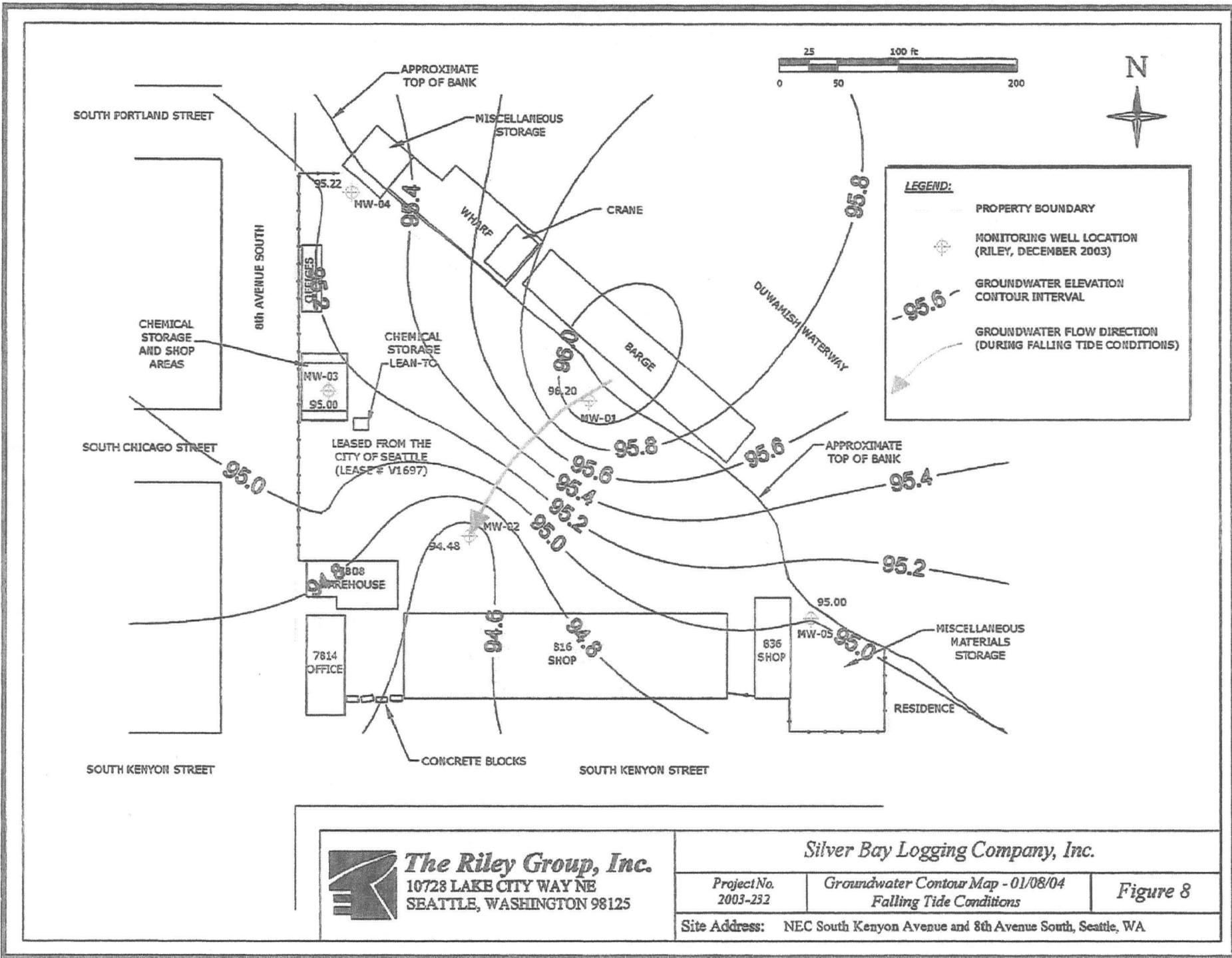
Silver Bay Logging Company, Inc.

Project No.
2003-232

Groundwater Contour Map - 12/18/03
Rising Tide Conditions

Figure 7

Site Address: NEC South Kenyon Avenue and 8th Avenue South, Seattle, WA



The Riley Group, Inc.
10728 LAKE CITY WAY NE
SEATTLE, WASHINGTON 98125

Silver Bay Logging Company, Inc.

Project No.
2003-232

Groundwater Contour Map - 01/08/04
Falling Tide Conditions

Figure 8

Tables

Table 1 - Summary of Subsurface Soil Sample Results for the Silver Bay Logging Property
NEC South Kenyon Street and 8th Avenue South, Seattle, Washington

Sample Number	Sample Date	Sample Depth (feet bgs)	Sample Type	Soil Status	PID Result ¹ (ppm)	Gas TPH	D	T	E	K	Diesel TPH	Oil TPH	Halogenated VOCs	SVOCs	RCRA Metals	PCBs							
												1,2,4-trichlorobenzene ²	1,2,4-trichlorobenzene ³	1,2,4-trichlorobenzene ⁴	Barium	Cadmium	Total Chromium	Chromium VI	Lead	Mercury	Aroclor 1264		
Former Gas Station Area																							
SLB-SB-01-3-4	12/4/03	3-4	discrete	In-Situ	0.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
SLB-SB-01-5-7	12/4/03	6-7	discrete	In-Situ	0.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
SLB-SB-02-3-5	12/4/03	3-5	discrete	In-Situ	0.0	ND<3	ND<0.03	ND<0.05	ND<0.05	ND<0.2	ND<25	ND<50	ND<0.010	—	—	—	—	—	ND < 4.2				
SLB-SB-02-6-8-5	12/4/03	6-8.5	discrete	In-Situ	0.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
RFL-SB-03-3-4	12/4/03	3-4	discrete	In-Situ	0.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
SLB-SB-03-5-7	12/4/03	6-7	discrete	In-Situ	0.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
Chemical Storage and Shop Area																							
SLB-SB-04-3-4	12/4/03	3-4	discrete	In-Situ	0.0	ND<3	ND<0.03	ND<0.05	ND<0.05	ND<0.2	41 ⁴	57 ⁵	—	ND < 0.6	ND < 0.6	ND < 1	64	ND < 0.46	15	—	30	0.07	ND < 0.1
SLB-SB-04-5-6	12/4/03	6-6.5	discrete	In-Situ	0.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Lower Duwamish Waterway Area																							
SLB-SB-05-3-4	12/4/03	3-4	discrete	In-Situ	0.0	—	—	—	—	—	—	—	ND < 0.01	ND < 0.1	ND < 0.1	ND < 0.13	—	—	—	—	—	—	
SLB-SB-05-5-6	12/4/03	5-6	discrete	In-Situ	0.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
CDL-SD-00-3-4	12/4/03	3-4	discrete	In-Situ	0.1	—	—	—	—	—	—	—	—	ND < 0.01	ND < 0.1	ND < 0.1	ND < 0.13	—	—	—	—	—	
SLB-SB-08-5-6	12/4/03	5-6	discrete	In-Situ	0.2	—	—	—	—	—	—	—	—	ND < 0.1	ND < 0.1	ND < 0.1	ND < 0.13	—	—	—	—	—	
SLB-SB-07-3-4	12/4/03	3-4	discrete	In-Situ	0.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
SLB-SB-07-7-8	12/4/03	7-8	discrete	In-Situ	0.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Suspect UST and Existing Material Storage Area - Southeastern Corner of Site																							
SLB-SD-00-3-4	12/4/03	3-4	discrete	In-Situ	0.0	—	—	—	—	—	—	—	ND < 0.1	ND < 0.1	0.01	66	9.0	70	ND < 5	61	0.87	ND < 0.2	
CDL-SD-00-7-0	12/4/03	7-0	discrete	In-Situ	0.2	ND<3	ND<0.03	ND<0.05	ND<0.05	ND<0.2	ND<25	ND<50	—	—	—	—	—	—	—	—	—	—	—
SLB-SB-08-0-5-5	12/4/03	8-5	discrete	In-Situ	0.0	—	—	—	—	—	—	—	—	ND < 0.01	ND < 0.1	ND < 0.1	ND < 0.13	—	—	—	—	—	
SLB-H41-1A	1/12/04	3-4	discrete	In-Situ	0.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
SLB-H23-0	1/12/04	3-4	discrete	In-Situ	0.1	—	—	—	—	—	—	—	ND < 0.01	—	—	—	—	—	—	—	—	0.2	
Former Pumped Island Area																							
SLB-SG-00-3-4	12/4/03	3-4	discrete	In-Situ	0.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
SLB-SG-00-7-0	12/4/03	7-0	discrete	In-Situ	0.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
SLB-SH-04-10	12/4/03	8-10	discrete	In-Situ	0.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Former Ship Building and Repair Area																							
SLB-SG-10-3-4	12/4/03	3-4	discrete	In-Situ	0.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
SLB-SB-10-7-0	12/4/03	7-0	discrete	In-Situ	0.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
SLB-SB-10-9-5-10,5	12/4/03	9.5-10.5	discrete	In-Situ	0.0	—	—	—	—	—	—	—	—	ND < 0.01	ND < 0.1	ND < 0.1	ND < 0.13	03	ND < 0.61	13	—	110	0.1
SLB-SB-11-3-4	12/4/03	3-4	discrete	In-Situ	0.0	—	—	—	—	—	—	—	—	ND < 0.01	ND < 0.1	ND < 0.1	ND < 0.13	—	—	—	—	—	
SLB-SB-11-7-0	12/4/03	7-0	discrete	In-Situ	0.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
ODI-SD-11-9-10	12/4/03	8-10	discrete	In-Situ	0.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Southwestern Corner of Site																							
SLB-SL-13-3-4	12/4/03	3-4	discrete	In-Situ	0.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
SLB-SB-12-6-5-7,5	12/4/03	6.5-7,5	discrete	In-Situ	0.0	ND<3	ND<0.03	ND<0.05	ND<0.05	ND<0.2	ND<25	ND<50	—	—	—	—	—	—	—	—	—	—	
SLB-SB-14-3-4	12/4/03	3-4	discrete	In-Situ	0.2	ND<3	ND<0.03	ND<0.05	ND<0.05	ND<0.2	ND<25	ND<50	—	—	—	—	—	—	—	—	—	—	
SLB-SB-14-7-0	12/4/03	7-0	discrete	In-Situ	0.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MATCA Method A Soil Cleanup Levels for Industrial Properties																							
					1000 ² u ⁴	0.03	7	6	9	2,000	2600 ¹	0.01753,000 ³	0.30 ⁴ 82 ⁴	0.81 ⁴ 45,000 ⁵	0,380 ⁴	245,000 ⁴	2	2,000 ¹⁰	19	230	2	1	

Notes:

Units: otherwise noted, all analytical results are given in milligrams per kilogram (mg/kg), equivalent to parts per million (ppm).

In general, only the detected compounds are listed.

red dots = test below grade surface

Gas TPH¹, gas total petroleum hydrocarbons determined using Test NWTPH-G.

BTEx = Benzene, Toluene, Ethylbenzene and Total xylenes determined using EPA Test Method 8021B.

Cd(TPH², diesel range total) petroleum hydrocarbons determined using Test NWTPH-Dx.

CH(TPH³, heavy oil range total) petroleum hydrocarbons determined using Test NWTPH-Dx.

Halogenated volatile organic compounds (VOCs)⁴ determined using EPA Test Method 280.

PCBs = Polychlorinated Biphenyls determined using EPA Method 6002.

Soil samples were screened in the field with a portable photoionization detector (PID).

This analysis is detected in both the VOCs and SVOCs can. The detection limit of the VOCs can is lower.

Oil-range product was identified by laboratory as likely lube oil.

Diesel-range product was identified by laboratory as likely lube oil range overlap.

Analyses for PCBs shows peaks which closely resemble aromatic patterns and retention times are not clear enough for identification.

The higher cleanup level is applicable if no benzene is detected in soil.

The cleanup level for heavy oil is 2,000, mineral is 4,000.

Soil Quality Standard established under WAC 173-204-520.

No MATCA Method A cleanup level has been established for this analyte. The MATCA Method C cleanup level for industrial properties has been listed here instead.

The MATCA objective for Chromium III is listed here since no Chromium VI was detected in the sample.

ND = Not Detected at noted analytical detection limit.

--, not analyzed or not applicable.

MATCA, Ecology Current Model Tools Control Act Method A Soil Cleanup Levels for Unrestricted Land Use (WAC 173-340, Table 740-1). Bold and shaded concentrations above MATCA Method A Soil Cleanup Levels.

Table 2 - Summary of Groundwater Sample Results for the Silver Bay Logging Property
NEC South Kenyon Street and 8th Avenue South, Seattle, Washington

Sample ID	Sample Date	Depth to Water (ft)	Gas TPH	BTEX				Diesel TPH	Oil TPH	HVOCs	VOCs					SVOCs					Metals		
				B	T	E	X				Acetone	2-Butanone	Toluene	TCE	PCE	Benzyl Alcohol	Isophorone	Diethylphthalate	Di-n-butylphthalate	Arsenic	Barium	Lead	
SBL-MW01-H2O Lower Duwamish Waterway	12/16/03	3.54	—	—	—	—	—	—	—	ND < 2/5/10	—	—	—	—	ND < 2	ND < 2	12	ND < 3	25	200	ND < 3		
SBL-MW02-H2O Ship Repair, Potential Heating Oil	12/16/03	7.26	—	—	—	—	—	ND < 130	ND < 250	—	30	52	ND < 2	ND < 2	ND < 2	ND < 2	7	ND < 3	0	ND < 100	ND < 3		
SBL-MW03-H2O Chemical Storage, Shop Area	12/16/03	7.34	ND < 50	—	—	—	—	ND < 130	ND < 250	—	ND < 25	26	3	ND < 2	ND < 2	—	—	—	ND < 5	70	ND < 3		
SBL-MW04-H2O Former Gas Station	12/16/03	6.33	ND < 50	ND < 1	ND < 1	ND < 1	ND < 3	570 ¹	ND < 250	ND < 2/5/10	—	—	—	—	—	ND < 2	ND < 2	3	ND < 3	12	ND < 100	4	
SBL-MW05-H2O Material Storage, Suspect UST	12/16/03	0.65	—	—	—	—	—	—	—	ND < 25	12	ND < 2	2	10	4	3	12	5	ND < 5	ND < 20	ND < 3		
MTCA Method A Groundwater Cleanup Levels	NE	NE	800/1,000 ¹	5	1,000	700	1,000	500	500	Analyte Specific	1,750 ²	10,500 ²	1,000	5	5	10,500 ²	921 ¹	28,000 ²	—	5	1,230 ²	15	

In general, only detected compounds are listed.

All samples collected using a peristaltic pump.

Depth to water measured using electronic water level meter prior to sampling.

All results and detection limits given in ppb, parts per billion (ug/L).

MTCA: Washington Department of Ecology Model Toxics Control Act Method A

Groundwater Cleanup Levels for unrestricted land use (WAC 173-340-900, Table 720-1).

TPH: total petroleum hydrocarbons

BTEX: Benzene, Toluene, Ethyl Benzene, and Xylylene

HVOCs: Halogenated Volatile Organic Compounds

VOCs: Volatile Organic Compounds

SVOCs: Semivolatile Organic Compounds

RCRA: Resource Conservation and Recovery Act

TCE : Trichloroethene

PCE: Tetrachloroethylene

Gas TPH/BTEX determined using Ecology Test Method NWTPH-G with BTEX

Diesel TPH determined using Ecology Test Method NWTPH-DX

Halogenated Volatiles determined using EPA Test Method EPA 8280

VOCs determined using EPA Test Method 8280

SVOCs determined using EPA Method 8270

RCRA Metals (dissolved) determined using EPA 6000 and 7000 Series Methods - water samples filtered in the field.

ND: non-detect, contaminant not detected at noted analytical detection limit.

NE, no cleanup level has been established

¹ the higher cleanup level is applicable if no benzene is detected in groundwater.

² No MTCA Method A cleanup level has been established for the analyte. The Method C cleanup level has been listed here instead.

³ No MTCA Method A cleanup level has been established for this analyte. The carcinogenic MTCA Method C cleanup level is listed.

Table 3 - Summary of Groundwater Elevation Data for Silver Bay Logging Property
NEC South Kenyon Street and 8th Avenue South, Seattle, Washington

Well Identification	Top of Casing (TOC) Elevation	Depth to Water (below TOC)		Groundwater Elevation	
		12/18/2003	1/8/2004	12/18/2003	1/8/2004
SBL-MW-01	100.00	3.85	3.80	96.15	96.20
SBL-MW-02	101.89	7.69	7.41	94.20	94.48
SBL-MW-03	101.42	6.60	6.42	94.82	95.00
SBL-MW-04	101.26	6.35	6.04	94.91	95.22
SBL-MW-05	103.43	8.39	8.43	95.04	95.00

TOC elevations surveyed by Riley using standard survey level and stadia rod.
Arbitrary elevation of 100 feet used.

Depth to water measured with an electronic water level indicator; measurement units are in feet
Measurements collected on 12/18/03 prior to well sampling activities (high tide conditions)
Measurements collected on 1/8/04 represent low tide conditions

Appendix A



APOLLO GEOPHYSICS CORPORATION
Engineering, Hydro-Geology, Environmental & Construction

Ms. Elizabeth Rachman
The Riley Group, Inc.
10728 Lake City Way NE
Seattle, Washington 98125

Monday, January 5, 2004

ATTN: Ms. Rachman

Enclosed is a copy of our geophysical report titled, "Silver Bay Logging Company, Inc. – Underground Storage Tank Locate." The exploration was conducted in accordance with the scope of work discussed with The Riley Group, Inc. personnel.

The attached report presents our interpretations and recommendations developed during our exploration, including Ground Penetrating Radar (GPR) Imagery presented in Figures 2 through 4 illustrating the data collected during the exploration.

We appreciate the opportunity to conduct this investigation. Please do not hesitate to contact us if you have any questions or comments. Please keep us informed on the developments pertaining to the direct exploration. If you would like us to assist you on a future project, we would definitely welcome the opportunity.

Sincerely,

Lynn M. Ringstad

Lynn M. Ringstad, Licensed Engineering Geologist
Senior Geologist/Geophysicist



APOLLO GEOPHYSICS CORPORATION

Engineering, Hydro-Geology, Environmental & Construction

Silver Bay Logging Company, Inc. Underground Storage Tank Locate Seattle, WA

AGC File No. 03.4055

Monday, January 5, 2004

This report presents the results of geophysical exploration for potential Underground Storage Tanks (USTs) at the above referenced site. The site is located near South Kenyon Street and 8th Avenue South in Seattle, Washington. A one-person field crew from APOLLO GEOPHYSICS completed the geophysical field program on Wednesday, November 19, 2003.

We investigated the site, as directed by The Riley Group, Inc. personnel, with an Electromagnetic (EM) instrument, which locates buried metal objects. We traversed the site with the EM instrument on approximate 3- to 5-foot line spacings, which produced target areas for the Ground Penetrating Radar (GPR). We further investigated the target areas using GPR, which enabled us to identify the targets as potential USTs. Ground Penetrating Radar established a relative depth, size and ground projection of the object (i.e. to determine if the object was indicative or was not indicative of a UST). Small objects in the near surface, 1 to 2 feet, will respond the same as a larger object (UST) at depth.

RESULTS OF THE GEOPHYSICAL SURVEY

We traversed the site with the EM instrument. Two areas appear to be underlain by wire mesh or rebar which limited our investigation. Vegetation also limited our investigation in one area. These areas are shown on the Site Plan in Figure 1.

Nine EM targets were investigated with the GPR. Three of these targets, #2, #5, and #7 have GPR signatures that may be associated with potential USTs. We recommend these areas for direct exploration.

Targets #1, #3, #4, and #8 have GPR signatures that may be associated with piping and/or metallic debris. We recommend these areas for direct exploration.

Targets #6 and #9 have GPR signatures that may be associated with concrete building slabs. We recommend these areas for direct exploration.

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Seattle (206) 365-3003 • Bellingham (360) 647-7200 • Spokane (509) 325-2010 • Portland (503) 234-4001

The approximate locations of Targets #1 through #9 are presented on the Site Plan in Figure 1. The GPR imagery of Targets #2, #3, AND #7 is presented in Figures 2 through 4.

All EM and GPR target areas and recommended direct exploration locations were marked in the field with environmentally degradable paint. Suspected utility pipes, demolition debris, etc., were not marked in the field.

The 'GPR Imagery' presented in Figures 2 through 4 have a horizontal and vertical scale of approximately 1 inch equals 4 feet. With regard to the estimated vertical scale, the normal relationship between radar time and actual depth for the Northwest Region is approximately 4 to 4.5 nanoseconds per foot. It should be noted that this relationship holds true in a general sense. Variations of water content, silt content and other factors, such as the presence of concrete flooring, may also change this relationship. Therefore it should be expected that the vertical scale is an estimate only and may vary from the shown scale.

ELECTROMAGNETIC

The electromagnetic, or EM device, transmits and receives an electromagnetic signal. The EM signal is transmitted through the ground, which in turn radiates a signal that is dependent on the ground conductivity and which is also received at the receiver. The two signals, the transmitted and ground response EM waves, are balanced for a zero response in the instrument. When the ground conditions change, for example, when the transmitted signal encounters buried metal, the balance or null point changes, and the instrument responds with an audible signal. Depending on the size of the metal object, the penetration is up to 10 feet in depth. The EM survey was limited to those areas of the Site, near the reported former UST location, where reinforcing steel was not present in concrete and/or where above ground metal objects were not present.

GROUND PENETRATING RADAR

Apollo Geophysics uses a PE1000 with either a 450 or 110 MHz antenna for shallow UST Locates. The radar antenna transmits an electromagnetic step-pulse at a frequency of 450/110 MHz at a selected stack rate of 32/64. When the signal encounters a change in electrical properties/permittivity, a portion of the signal energy is reflected back to the surface. The character of the reflection is used to define the source of the reflection. The reflected signal is received by the antenna, processed by a DSP radar processor with signal gain control and the raw data is recorded by the outboard 80486 computer with 16 MB RAM & 300 MB Hard Drive. The radar data is displayed by the computer on a 16.5 cm Color Active Matrix LCD VGA screen in real-time. The radar displays the data in real-time, which

enables us to review the data in the field for on the spot evaluation. The recorded raw data, as recorded by the computer, is then later processed to remove unwanted peripheral effects by proprietary GPR software.

A typical circular UST will produce, in cross-section, a hyperbolic reflection. A traverse parallel to the centerline of the UST will show a horizontal (if there is no velocity or elevation change along the traverse) reflection, with a partial hyperbolic signature at both ends of the UST. The hyperbolic signature is the result of "seeing" the tank before the center of the antenna is over the tank.

WARRANTY OF SERVICES

Electromagnetic methods may define UST's constructed of non-ferrous metals, but not fiberglass or plastic materials. Ground Penetrating Radar may define fiberglass or plastic UST's or drums provided they fall within the exploration grid of the GPR.

All geophysical information presented is based upon geophysical measurements made by generally accepted methods and field procedures and APOLLO GEOPHYSICS' interpretation of these data. The geophysical results are, therefore, interpretative in nature and are considered to be a reasonably accurate presentation of existing conditions within the limitations of the methods employed. Services performed by APOLLO GEOPHYSICS under this agreement are conducted in a manner consistent with, but no less than, that level of care skill ordinarily exercised by members of the profession currently practicing under similar conditions. We cannot guarantee the accuracy or correctness of any interpretation, and we shall not be liable or responsible for any loss, cost, damages or expenses incurred or sustained by the Client resulting from any interpretation made by any of our officers, agents or employees. No other warranty, expressed or implied, is made. APOLLO GEOPHYSICS recognizes that subsurface conditions may vary from those encountered at the location where geophysical or other explorations are made. The data interpretations and recommendations made by APOLLO GEOPHYSICS are based solely on the information available to them at the time of performance; and APOLLO GEOPHYSICS shall not be responsible for the interpretation, by others, of the information developed.

o O o

Silver Bay Logging Company, Inc.
Underground Storage Tank Locate
Seattle, WA

Monday, January 5, 2004
ACG File No.: 03.4056
Page 4

We trust this will complete your requirements for this project and look forward to working with you on future projects. If you have any further questions or need further assistance, please don't hesitate to call.

Sincerely,

APOLLO GEOPHYSICS CORPORATION

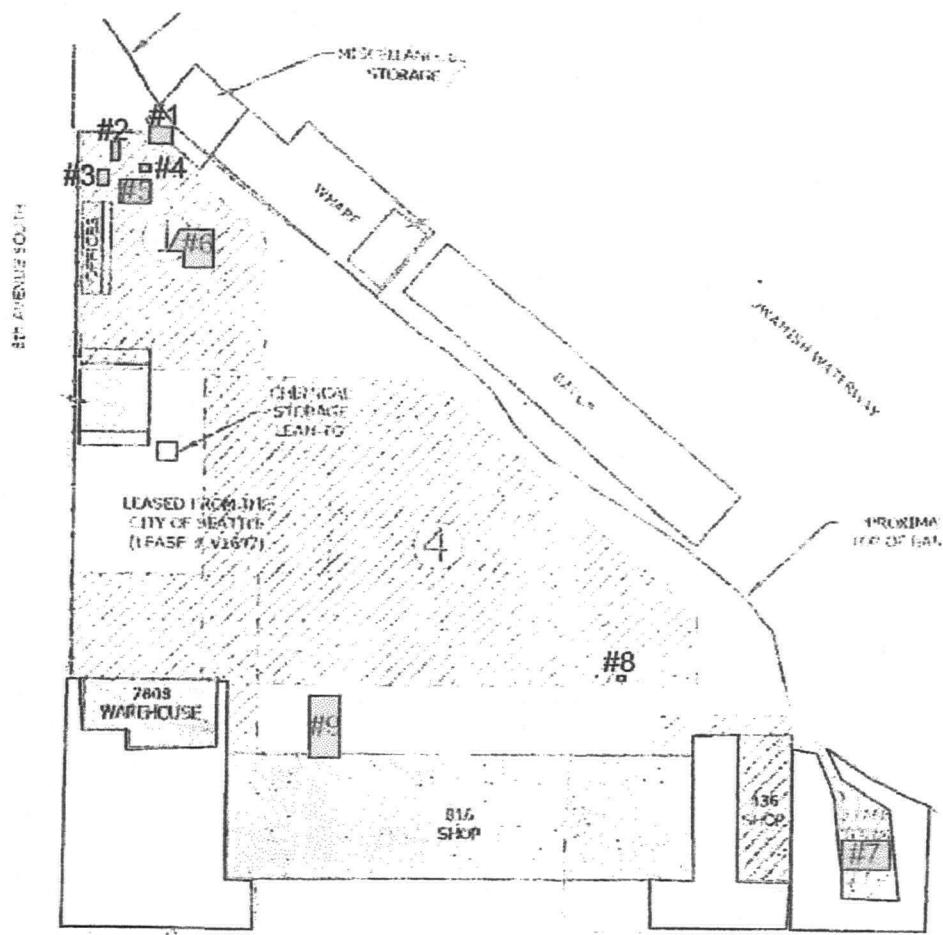
Lynn M. Ringstad

Lynn M. Ringstad, Licensed Engineering Geologist
Senior Geologist/Geophysicist

Matthew C. Ringstad

Matthew C. Ringstad
Senior Geophysicist

Site Plan



LEGEND

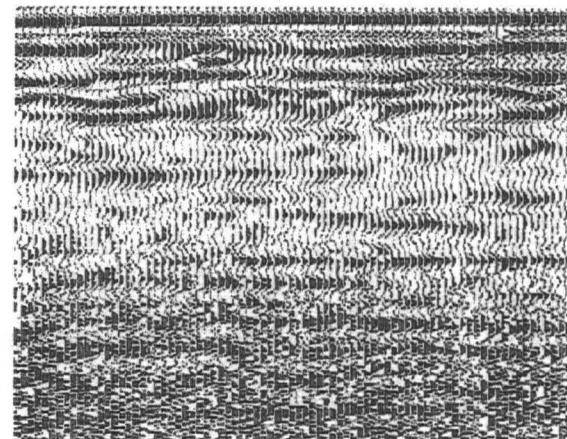
- Approximate location of suspected UST
- Approximate area underlain by wire mesh/rebar or covered with vegetation
- Approximate location of anomaly

Approximate Scale:
1 inch = 100 feet

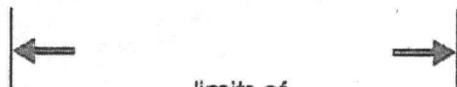
Note: Site Plan created from an undated location map provided by The Riley Group, Inc. titled, "Silver Bay Logging Company, Inc. - Proposed EM/GPR Survey Areas." The locations of all features shown are approximate.

 APOLLO GEOPHYSICS CORPORATION ENGINEERING, HYDRO-GEOLOGY, ENVIRONMENTAL & CONSTRUCTION www.apollogeophysics.com	Silver Bay Logging Company, Inc. Seattle, Washington	FIGURE
	FILE NO. 03.4055	DATE January 2004

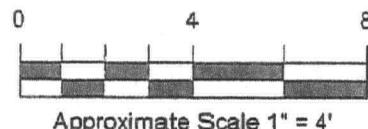
GPR Imagery - Target #2



↑
top of
suspected UST



limits of
suspected UST



NOTE: The normal relationship between radar time and actual depth for the Northwest Region is approximately 4 to 4.5 nanoseconds per foot. It should be noted, that this relationship holds true in a general sense. Variations of water content, silt content, void space and other factors, such as the presence of concrete flooring, may also change this relationship.



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Silver Bay Logging Company, Inc.
Seattle, Washington

FIGURE
2

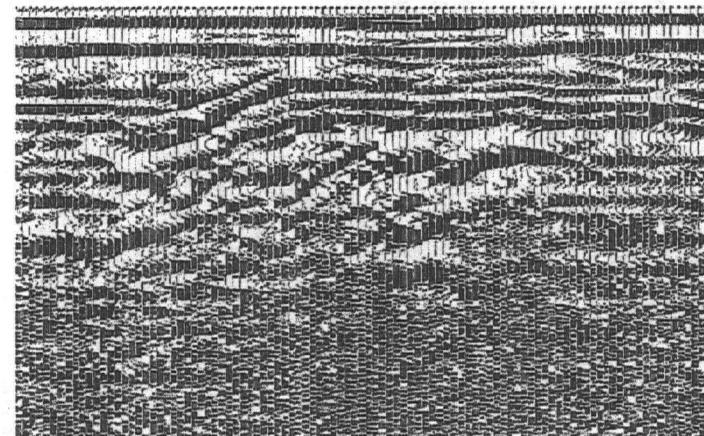
FILE NO.

03.4055

DATE

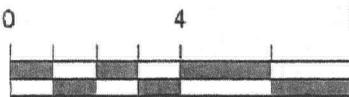
January 2004

GPR Imagery - Target #5



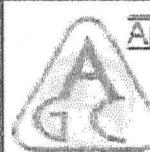
top of
suspected UST

limits of
suspected UST



Approximate Scale 1" = 4'

NOTE: The normal relationship between radar time and actual depth for the Northwest Region is approximately 4 to 4.5 nanoseconds per foot. It should be noted, that this relationship holds true in a general sense. Variations of water content, silt content, void space and other factors, such as the presence of concrete flooring, may also change this relationship.



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Seattle, Washington

FIGURE
3

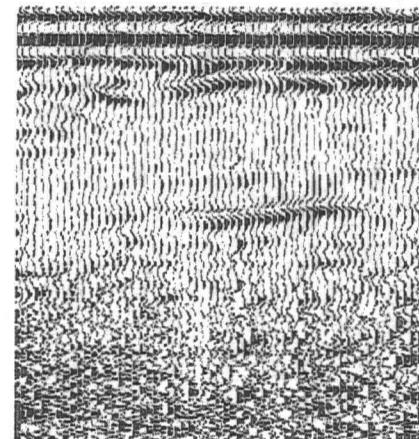
FILE NO.

03.4055

DATE

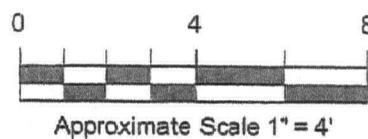
January 2004

GPR Imagery - Target #7



↑
top of
suspected UST

← →
limits of
suspected UST



NOTE: The normal relationship between radar time and actual depth for the Northwest Region is approximately 4 to 4.5 nanoseconds per foot. It should be noted, that this relationship holds true in a general sense. Variations of water content, silt content, void space and other factors, such as the presence of concrete flooring, may also change this relationship.



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Seattle, Washington

FIGURE
4

FILE NO.

03.4055

DATE

January 2004



applied geophysics

December 1, 2003
J03-738/T

The Riley Group Inc.
10728 Lake City Way NE
Seattle, WA 98125

RE: UST Search
Silver Bay Logging Company
8th Ave South and South Kenyon Street, Seattle, Washington

This letter reports the results of a geophysical exploration for underground storage tanks (UST) at the Silver Bay Logging Company Property listed above. Two gasoline storage tanks were reported to have been located between the 7814 building (office) and the 816 building (shop), south of the 7808 building (warehouse). The disposition of the tanks is unknown. The survey was to determine if the tanks were there. The work was completed on November 26, 2003.

Results of the Survey

The area between the two buildings is currently paved with concrete. No evidence of (former) fill ports is found in the concrete surface. The area was scanned with Ground Penetrating Radar (GPR) with east-west lines at approximately 4 to 5 foot centers. The GPR penetration was to 10 to 12 feet.

No evidence of a UST was found the GPR data.

Methods

The Ground Penetrating Radar (a GSSI, SIR System 2) utilized a 400 Mega-Hertz antenna. The GPR antenna used for this investigation transmits a 2.5 nano-second (nS) pulse at a center frequency of 400 Mega-Hertz for the selected scan rate of 16 times per second. When the signal encounters a change in electrical properties (a change in electrical permittivity), a portion of the signal energy is reflected back to the surface. The reflected signal received by the antenna, is digitally processed and recorded on a chart recorder in an amplitude-threshold format. The character of the reflection is used to interpret the source of the reflection.

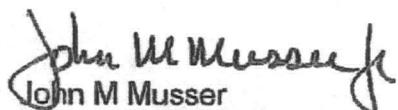
A UST will produce, in cross-section, a hyperbolic reflection. A traverse parallel to the centerline of the UST will show a horizontal (if there is no velocity or elevation change along the traverse) reflection, with hyperbolic signatures at both ends of the UST. The hyperbolic signature is the result of "seeing" the tank before the center of the antenna is over the tank. Distortions in the images can be created by adjacent reflectors, which may affect location and identification of the image.

The GPR records were recorded at a full-scale sweep of 60 nano-seconds. The depth of an object is determined by the electro-magnetic wave propagation rate (inverse of wave velocity) of the site materials. The recorded time is two-way time, that is, the time down to the surface and then back to the antenna. The two-way time is estimated to be between 5 to 6 nano-seconds per foot for an estimated depth of 10 to 12 feet. The electro-magnetic velocity may vary across the site, both horizontally and vertically.

The information presented in this report is based upon geophysical measurements made by generally accepted methods and field procedures, and our interpretation of these data. The presented information is based upon our best estimate of subsurface conditions considering the geophysical results and all other information available to us. These results are interpretive in nature and are considered to be a reasonably accurate presentation of the existing conditions within the limitations of the method or methods employed.

We trust that the above is sufficient for your requirements. Please let us know if you have any questions or if we may be of further assistance.

For Geo-Recon International


John M Musser Jr.
Principal Geophysicist

Appendix B

Boring HA-02

Logged by T. Nanevitz on January 12, 2004

Bored using a hand auger.

Depth (feet)	Sample ID/ Interval	(N) Blows/ft	Moisture Content (%) Water Table	PID (ppm)	USCS	Soil Description
1						Gravel with medium grained-sand
2						Light brown sandy SILT
3						Light brown SILT
4				0.1		
5						
6						
7						
8						
9						
10						
11						

Boring terminated at 4.0 feet.



The Riley Group, Inc.
10728 LAKE CITY WAY NE
SEATTLE, WASHINGTON 98125

Silver Bay Logging Company, Inc.

Riley Project
#2003-232

Log of Boring HA-02

Appendix B-16

Logged by: T. Nanevitz

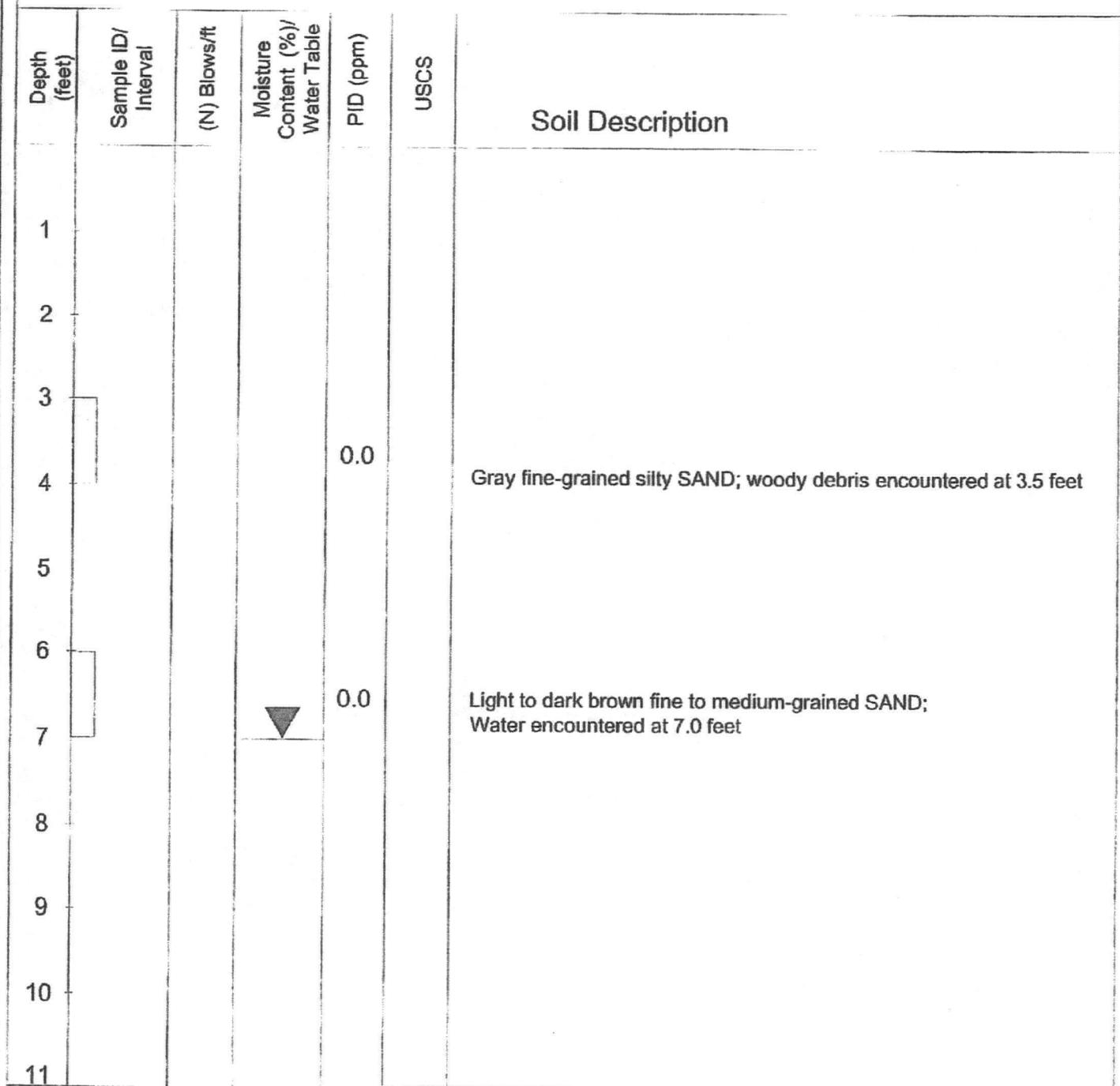
Date Logged: 01/12/04

Site Address: NEC South Kenyon Street & 8th Avenue South, Seattle, Washington

Boring SB-01

Logged by T. Nanevicz on December 4, 2003
Driller: ESN

Drilled using truck-mounted, direct-push Geoprobe.
Boring backfilled with bentonite.



Boring terminated at 8.0 feet.



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Silver Bay Logging Company, Inc.

Riley Project
#2003-232

Log of Boring SB-01

Appendix B-1

Logged by: T. Nanevicz

Date Logged: 12/04/03

Site Address: NEC South Kenyon Street & 8th Avenue South, Seattle, Washington

Boring SB-02

Logged by T. Nanevicz on December 4, 2003
Driller: ESN

Drilled using truck-mounted, direct-push Geoprobe.
Boring backfilled with bentonite.

Depth (feet)	Sample ID/Interval	(N) Blows/ft	Moisture Content (%) Water Table	PID (ppm)	USCS	Soil Description
1						
2						
3						
4						
5						
6				0.0		Gray silty SAND
7				0.0		Gray fine to medium-grained SAND; Water encountered at 6.75 feet
8						
9						
10						
11						

Boring terminated at 8.0 feet.



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Riley Project
#2003-232

Log of Boring SB-02

Appendix B-2

Logged by: T. Nanevicz

Date Logged: 12/04/03

Site Address: NEC South Kenyon Street & 8th Avenue South, Seattle, Washington

Boring SB-03

Logged by T. Nanevicz on December 4, 2003
Driller: ESN

Drilled using truck-mounted, direct-push Geoprobe.
Boring backfilled with bentonite.

Depth (feet)	Sample ID/ Interval	(N) Blows/ft	Moisture Content (%)/ Water Table	PID (ppm)	USCS
1					
2					
3					
4				0.4	
5					
6					
7				0.4	
8					
9					
10					
11					

Soil Description

Gray fine-grained silty SAND

Gray fine to medium-grained SAND;
Water encountered at 7.0 feet

Boring terminated at 8.0 feet.



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#2003-232

Log of Boring SB-03

Appendix B-3

Logged by: T. Nanevicz

Date Logged: 12/04/03

Site Address: NEC South Kenyon Street & 8th Avenue South, Seattle, Washington

Boring SB-04

Logged by T. Nanevicz on December 4, 2003
Driller: ESN

Drilled using truck-mounted, direct-push Geoprobe.
Boring backfilled with bentonite.

Depth (feet)	Sample ID/ Interval	(N) Blows/ft	Moisture Content (%) Water Table	PID (ppm)	USCS	Soil Description
1						
2						
3						
4				0.0		Brown fine-grained silty SAND with cobbles
5						
6				0.0		
7						Light to dark brown fine to medium-grained SAND; Water encountered at 6.75 feet
8						
9						
10						
11						

Boring terminated at 8.0 feet.



The Riley Group, Inc.
10728 LAKE CITY WAY NE
SEATTLE, WASHINGTON 98125

Silver Bay Logging Company, Inc.

Riley Project
#2003-232

Log of Boring SB-04

Appendix B-4

Logged by: T. Nanevicz

Date Logged: 12/04/03

Site Address: NEC South Kenyon Street & 8th Avenue South, Seattle, Washington

Boring SB-05

Logged by T. Nanevicz on December 4, 2003
Driller: ESN

Drilled using truck-mounted, direct-push Geoprobe.
Boring backfilled with bentonite.

Depth (feet)	Sample ID/ Interval	(N) Blows/ft	Moisture Content (%)/ Water Table	PID (ppm)	USCS
1					
2					
3					
4				0.0	Light brown fine-grained SAND
5					
6				0.4	Gray silty SAND; Water encountered at 6.0 feet
7					
8					
9					
10					
11					

Boring terminated at 8.0 feet.



The Riley Group, Inc.
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Silver Bay Logging Company, Inc.

Riley Project
#2003-232

Log of Boring SB-05

Appendix B-5

Logged by: T. Nanevicz

Date Logged: 12/04/03

Site Address: NEC South Kenyon Street & 8th Avenue South, Seattle, Washington

Boring SB-06

Logged by T. Nanevicz on December 4, 2003
Driller: ESN

Drilled using truck-mounted, direct-push Geoprobe.
Boring backfilled with bentonite.

Depth (feet)	Sample ID/Interval	(N) Blows/ft	Moisture Content (%) / Water Table	PID (ppm)	USCS	Soil Description
1						
2						
3						
4				0.1	S	Light to dark brown silty SAND
5				0.2	S	Gray silty SAND; Water encountered at 6.0 feet
6						
7						
8						
9						
10						
11						

Boring terminated at 8.0 feet.



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#2003-232

Log of Boring SB-06

Appendix B-6

Logged by: T. Nanevicz

Date Logged: 12/04/03

Site Address: NEC South Kenyon Street & 8th Avenue South, Seattle, Washington

Boring SB-07

Logged by T. Nanevicz on December 4, 2003
Driller: ESN

Drilled using truck-mounted, direct-push Geoprobe.
Boring backfilled with bentonite.

Depth (feet)	Sample ID/ Interval	(N) Blows/ft	Moisture Content (%)/ Water Table	PID (ppm)	USCS
1					
2					
3					
4				0.0	Light gray silt
5					
6					
7					
8				0.0	Light gray silt; Water encountered at 8.0 feet
9					
10					
11					

Boring terminated at 8.0 feet.



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SEATTLE, WASHINGTON 98125

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Riley Project
#2003-232

Log of Boring SB-07

Appendix B-7

Logged by: T. Nanevicz

Date Logged: 12/04/03

Site Address: NEC South Kenyon Street & 8th Avenue South, Seattle, Washington

Boring SB-08

Logged by T. Nanevitz on December 4, 2003
Driller: ESN

Drilled using truck-mounted, direct-push Geoprobe.
Boring backfilled with bentonite.

Depth (feet)	Sample ID/ Interval	(N) Blows/ft	Moisture Content (%)/ Water Table	PID (ppm)	USCS
1					
2					
3					
4				0.0	Light brown fine-grained silty SAND with cobbles
5					
6					
7				0.2	Dark brown fine-grained SAND with cobbles
8				0.0	Gray silty SAND; Water encountered at 8.5 feet
9					
10					
11					

Boring terminated at 12.0 feet.



The Riley Group, Inc.
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SEATTLE, WASHINGTON 98125

Silver Bay Logging Company, Inc.

Riley Project
#2003-232

Log of Boring SB-08

Appendix B-8

Logged by: T. Nanevitz

Date Logged: 12/04/03

Site Address: NEC South Kenyon Street & 8th Avenue South, Seattle, Washington

Boring SB-09

Logged by T. Nanevicz on December 4, 2003
Driller: ESN

Drilled using truck-mounted, direct-push Geoprobe.
Boring backfilled with bentonite.

Depth (feet)	Sample ID/ Interval	(N) Blows/ft	Moisture Content (%)/ Water Table	PID (ppm)	USCS	Soil Description
1						
2						
3						
3				0.0		Gray SILT
4						
5						
6						
7				0.0		Gray fine-grained SAND
8						
9				0.0		Light to dark gray fine-grained silty SAND; Water encountered at 10.0 feet
10			▼			
11						

Boring terminated at 12.0 feet.



The Riley Group, Inc.
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SEATTLE, WASHINGTON 98125

Silver Bay Logging Company, Inc.

Riley Project
#2003-232

Logged by: T. Nanevicz

Log of Boring SB-09

Appendix B-9

Date Logged: 12/04/03

Site Address: NEC South Kenyon Street & 8th Avenue South, Seattle, Washington

Boring SB-10

Logged by T. Nanevicz on December 4, 2003
Driller: ESN

Drilled using truck-mounted, direct-push Geoprobe.
Boring backfilled with bentonite.

Depth (feet)	Sample ID/ Interval	(N) Blows/ft	Moisture Content (%) Water Table	PID (ppm)	USCS
1					
2					
3					
4				0.0	Light gray silty SAND
5					
6					
7				0.0	Light to dark gray silty SAND
8					
9					
10				0.0	Light to dark brown fine to medium-grained SAND; Water encountered at 10.5 feet
11					

Boring terminated at 12.0 feet.



The Riley Group, Inc.
10728 LAKE CITY WAY NE
SEATTLE, WASHINGTON 98125

Silver Bay Logging Company, Inc.

Riley Project
#2003-232

Logged by: T. Nanevicz

Site Address: NEC South Kenyon Street & 8th Avenue South, Seattle, Washington

Log of Boring SB-10

Appendix B-10

Date Logged: 12/04/03

Boring SB-11

Logged by T. Nanevicz on December 4, 2003
Driller: ESN

Drilled using truck-mounted, direct-push Geoprobe.
Boring backfilled with bentonite.

Depth (feet)	Sample ID/ Interval	(N) Blows/ft	Moisture Content (%)/ Water Table	PID (ppm)	USCS	Soil Description
1						
2						
3						
4				0.0		Light brown silty SAND
5						
6						
7				0.0		Gray fine-grained SAND
8						
9				0.0		Gray fine-grained SAND; Water encountered at 10.0 feet
10						
11						

Boring terminated at 12.0 feet.



The Riley Group, Inc.
10728 LAKE CITY WAY NE
SEATTLE, WASHINGTON 98125

Silver Bay Logging Company, Inc.

Riley Project
#2003-232

Log of Boring SB-11

Appendix B-11

Logged by: T. Nanevicz

Date Logged: 12/04/03

Site Address: NEC South Kenyon Street & 8th Avenue South, Seattle, Washington

Boring SB-12

Logged by T. Nanevicz on December 4, 2003
Driller: ESN

Drilled using truck-mounted, direct-push Geoprobe.
Boring backfilled with bentonite.

Depth (feet)	Sample ID/ Interval	(N) Blows/ft	Moisture Content (%)/ Water Table	PID (ppm)	USCS
1					
2					
3					
4				0.0	Light gray gravelly SILT
5					
6					
7				0.0	Dark gray to light brown silty SAND; Water encountered at 7.5 feet
8					
9					
10					
11					

Boring terminated at 8.0 feet.



The Riley Group, Inc.
10728 LAKE CITY WAY NE
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Silver Bay Logging Company, Inc.

Riley Project
#2003-232

Log of Boring SB-12

Appendix B-12

Logged by: T. Nanevicz

Date Logged: 12/04/03

Site Address: NEC South Kenyon Street & 8th Avenue South, Seattle, Washington

Boring SB-13

Logged by T. Nanovicz on December 4, 2003
Driller: ESN

Drilled using truck-mounted, direct-push Geoprobe.
Boring backfilled with bentonite.

Depth (feet)	Sample ID/ Interval	(N) Blows/ft	Moisture Content (%)/ Water Table	PID (ppm)	USCS
1					
2					
3					
4		0.0			Light brown silty SAND with pebbles
5					
6					
7		0.0			Gray fine-grained SAND
8					
9					
10		0.0			Gray fine-grained SAND; Water encountered at 10.5 feet
11					

Boring terminated at 12.0 feet.



The Riley Group, Inc.
10728 LAKE CITY WAY NE
SEATTLE, WASHINGTON 98125

Silver Bay Logging Company, Inc.

Riley Project
#2003-232

Log of Boring SB-13

Appendix B-13

Logged by: T. Nanovicz

Date Logged: 12/04/03

Site Address: NEC South Kenyon Street & 8th Avenue South, Seattle, Washington

Boring SB-14

Logged by T. Nanevicz on December 12, 2003
Driller: ESN

Drilled using truck-mounted, direct-push Geoprobe.
Boring backfilled with bentonite.

Depth (feet)	Sample ID/ Interval	(N) Blows/ft	Moisture Content (%) Water Table	PID (ppm)	USCS	Soil Description
1						
2						
3						
4				0.2		Light gray silty SAND
5						
6						
7						
8			▼	0.2		Light gray silty SAND; Water encountered at 8.0 feet
9						
10						Light gray clayey SILT
11						

Boring terminated at 12.0 feet.



The Riley Group, Inc.
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SEATTLE, WASHINGTON 98125

Silver Bay Logging Company, Inc.

Riley Project
#2003-232

Log of Boring SB-14

Appendix B-14

Logged by: T. Nanevicz

Date Logged: 12/12/03

Site Address: NEC South Kenyon Street & 8th Avenue South, Seattle, Washington

Boring HA-01

Logged by T. Nanevicz on January 12, 2004

Bored using a hand auger.

Depth (feet)	Sample ID/ Interval	(N) Blows/ft	Moisture Content (%) Water Table	PID (ppm)	USCS	Soil Description
1						Gravel with medium grained-sand
2						Light brown fine to medium-grained SAND with gravel
3				0.0		Black fine-grained SAND
4						
5						
6						
7						
8						
9						
10						
11						

Boring terminated at 4.0 feet.



The Riley Group, Inc.
10728 LAKE CITY WAY NE
SEATTLE, WASHINGTON 98125

Silver Bay Logging Company, Inc.

Riley Project
#2003-232

Log of Boring HA-01

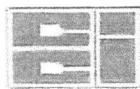
Appendix B-15

Logged by: T. Nanevicz

Date Logged: 01/12/04

Site Address: NEC South Kenyon Street & 8th Avenue South, Seattle, Washington

Appendix C



CCI
ANALYTICAL
LABORATORIES, INC.

CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

DATE: 1/5/04
CCIL JOB #: 312038
CCIL SAMPLE #: 4
DATE RECEIVED: 12/5/03
WDOE ACCREDITATION #: C142

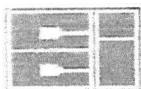
CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-SB-02-6-6.5 12/4/03 0928

REPORT AMENDED TO INCLUDE ADDITIONAL PARAMETER

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-VOLATILE RANGE	NWTPH-GX	ND	MG/KG	12/8/03	LAH
BENZENE	EPA-8021	ND(<0.03)	MG/KG	12/8/03	LAH
TOLUENE	EPA-8021	ND(<0.05)	MG/KG	12/8/03	LAH
ETHYLBENZENE	EPA-8021	ND(<0.05)	MG/KG	12/8/03	LAH
XYLEMES	EPA-8021	ND(<0.2)	MG/KG	12/8/03	LAH
TPH-DIESEL RANGE	NWTPH-DX W/CLEANUP	ND	MG/KG	12/8/03	DLC
TPH-LUBE OIL RANGE	NWTPH-DX W/CLEANUP	ND	MG/KG	12/8/03	DLC
DICHLORODIFLUOROMETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
CHLOROMETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
VINYL CHLORIDE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
BROMOMETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
CHLOROETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
TRICHLOROFUOROMETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,1-DICHLOROETHENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
METHYLENE CHLORIDE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
TRANS-1,2-DICHLOROETHENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,1-DICHLOROETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
CIS-1,2-DICHLOROETHENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
2,2-DICHLOROPROPANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
BROMOCHLOROMETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
CHLOROFORM	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,1,1-TRICHLOROETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,1-DICHLOROPROPENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
CARBON TETRACHLORIDE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,2-DICHLOROETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
TRICHLOROETHENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,2-DICHLOROPROPANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
DIBROMOMETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
BROMODICHLOROMETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
TRANS-1,3-DICHLOROPROPENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN



CCI
ANALYTICAL
LABORATORIES, INC.

CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

DATE: 1/5/04
CCIL JOB #: 312038
CCIL SAMPLE #: 4
DATE RECEIVED: 12/5/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-SB-02-6-6.5 12/4/03 0928

REPORT AMENDED TO INCLUDE ADDITIONAL PARAMETER

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	DATE	ANALYSIS BY
CIS-1,3-DICHLOROPROPENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,1,2-TRICHLOROETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,3-DICHLOROPROPANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
TETRACHLOROETHYLENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
DIBROMOCHLOROMETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,2-DIBROMOETHANE	EPA-8260	ND(<5)	UG/KG	12/16/03	CCN
CHLOROBENZENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
BROMOFORM	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,1,2,2-TETRACHLOROETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,2,3-TRICHLOROPROPANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
BROMOBENZENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
2-CHLOROTOLUENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
4-CHLOROTOLUENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,3 DICHLOROBENZENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,4-DICHLOROBENZENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,2-DICHLOROBENZENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,2-DIBROMO 3-CHLOROPROPANE	EPA-8260	ND(<50)	UG/KG	12/16/03	CCN
1,2,4-TRICHLOROBENZENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
HEXACHLORO1,3-BUTADIENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,2,3-TRICHLOROBENZENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
LEAD	EPA-6010	ND(<4.2)	MG/KG	12/31/03	RAB

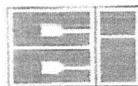
* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:

GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG

DIESEL RANGE REPORTING LIMIT IS 25 MG/KG

LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS



CCI
ANALYTICAL
LABORATORIES, INC.

CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

DATE: 1/5/04
CCIL JOB #: 312038
CCIL SAMPLE #: 4
DATE RECEIVED: 12/5/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-SB-02-6-6.5 12/4/03 0928

REPORT AMENDED TO INCLUDE ADDITIONAL PARAMETER

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
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APPROVED BY: *[Signature]*



CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

DATE: 12/19/03
CCIL JOB #: 312038
CCIL SAMPLE #: 7
DATE RECEIVED: 12/5/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-SB-04-3-4 12/4/03 0940

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-VOLATILE RANGE	NWTPH-GX	ND	MG/KG	12/8/03	LAH
BENZENE	EPA-8021	ND(<0.03)	MG/KG	12/8/03	LAH
TOLUENE	EPA-8021	ND(<0.05)	MG/KG	12/8/03	LAH
ETHYLBENZENE	EPA-8021	ND(<0.05)	MG/KG	12/8/03	LAH
XYLEMES	EPA-8021	ND(<0.2)	MG/KG	12/8/03	LAH
TPH-DIESEL RANGE	NWTPH-DX W/CLEANUP	41	MG/KG	12/8/03	DLC
TPH-LUBE OIL RANGE	NWTPH-DX W/CLEANUP	570	MG/KG	12/8/03	DLC
PYRIDINE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
N-NITROSODIMETHYLAMINE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
PHENOL	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
ANILINE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
BIS(2-CHLOROETHYL)ETHER	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
2-CHLOROPHENOL	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
1,3-DICHLOROBENZENE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
1,4-DICHLOROBENZENE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
BENZYL ALCOHOL	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
1,2-DICHLOROBENZENE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
2-METHYLPHENOL	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
BIS(2-CHLOROISOPROPYL)ETHER	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
4-METHYLPHENOL	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
N-NITROSO-DI-N-PROPYLAMINE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
HEXACHLOROETHANE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
NITROBENZENE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
ISOPHORONE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
2-NITROPHENOL	EPA-8270	ND(<1500)	UG/KG	12/16/03	CCN
2,4-DIMETHYLPHENOL	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
BENZOIC ACID	EPA-8270	ND(<6000)	UG/KG	12/16/03	CCN
BIS(2-CHLOROETHOXY)METHANE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
2,4-DICHLOROPHENOL	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
1,2,4-TRICHLOROBENZENE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
NAPHTHALENE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
4-CHLOROANILINE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN



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CERTIFICATE OF ANALYSIS

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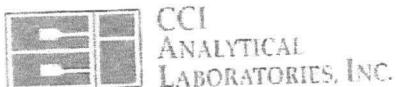
DATE: 12/19/03
CCIL JOB #: 312038
CCIL SAMPLE #: 7
DATE RECEIVED: 12/5/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-SB-04-3-4 12/4/03 0940

DATA RESULTS

ANALYTE	METHOD	RESULTS ^a	UNITS ^{**}	DATE	ANALYSIS BY
2,6-DICHLOROPHENOL	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
HEXACHLOROBUTADIENE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
4-CHLORO-3-METHYLPHENOL	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
2-METHYLNAPHTHALENE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
1-METHYLNAPHTHALENE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
HEXACHLOROCYCLOPENTADIENE	EPA-8270	ND(<3000)	UG/KG	12/16/03	CCN
2,4,6-TRICHLOROPHENOL	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
2,4,5-TRICHLOROPHENOL	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
2-CHLORONAPHTHANE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
2-NITROANILINE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
ACENAPHTHYLENE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
DIMETHYLPHthalate	EPA-8270	ND(<1500)	UG/KG	12/16/03	CCN
2,6-DINITROTOLUENE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
ACENAPHTHENE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
3-NITROANILINE	EPA-8270	ND(<1500)	UG/KG	12/16/03	CCN
2,4-DINITROPHENOL	EPA-8270	ND(<3000)	UG/KG	12/16/03	CCN
4-NITROPHENOL	EPA-8270	ND(<3000)	UG/KG	12/16/03	CCN
DIBENZOFURAN	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
2,4-DINITROTOLUENE	EPA-8270	ND(<1500)	UG/KG	12/16/03	CCN
2,3,4,6-TETRACHLOROPHENOL	EPA-8270	ND(<1500)	UG/KG	12/16/03	CCN
DIETHYLPHthalate	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
FLUORENE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
4-CHLOROPHENYL-PHENYLETHER	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
4-NITROANILINE	EPA-8270	ND(<250)	UG/KG	12/16/03	CCN
4,6-DINITRO-2-METHYLPHENOL	EPA-8270	ND(<3000)	UG/KG	12/16/03	CCN
N-NITROSODIPHENYLAMINE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
AZOBENZENE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
4-BROMOPHENYL-PHENYLETHER	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
HEXACHLOROBENZENE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
PENTACHLOROPHENOL	EPA-8270	ND(<3000)	UG/KG	12/16/03	CCN
PHENANTHRENE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
ANTHRACENE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
CARBAZOLE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
DI-N-BUTYLPHthalate	EPA-8270	ND(<1000)	UG/KG	12/16/03	CCN
FLUORANTHENE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN



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CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
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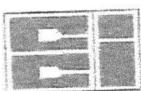
DATE: 12/19/03
CCIL JOB #: 312036
CCIL SAMPLE #: 7
DATE RECEIVED: 12/5/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-SB-04-3-4 12/4/03 0940

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	DATE	ANALYSIS BY
PYRENE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
BUTYLBENZYLPHthalATE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
3,3'-DICHLOROBENZIDINE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
BENZO[A]ANTHRACENE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
CHRYSENE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
BIS(2-ETHYLHEXYL)PHTHALATE	EPA-8270	ND(<1000)	UG/KG	12/16/03	CCN
DI-N-OCTYLPHthalATE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
BENZO[B]FLUORANTHENE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
BENZO[K]FLUORANTHENE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
BENZO[A]PYRENE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
INDENO[1,2,3-CD]PYRENE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
DIBENZ[A,H]ANTHRACENE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
BENZO[G,H,I]PERYLENE	EPA-8270	ND(<600)	UG/KG	12/16/03	CCN
PCB-1016	EPA-8082 MOD	ND(<0.1)	MG/KG	12/17/03	LAH
PCB-1221	EPA-8082 MOD	ND(<0.1)	MG/KG	12/17/03	LAH
PCB-1232	EPA-8082 MOD	ND(<0.1)	MG/KG	12/17/03	LAH
PCB-1242	EPA-8082 MOD	ND(<0.1)	MG/KG	12/17/03	LAH
PCB-1248	EPA-8082 MOD	ND(<0.1)	MG/KG	12/17/03	LAH
PCB-1254	EPA-8082 MOD	ND(<0.1)	MG/KG	12/17/03	LAH
PCB-1260	EPA-8082 MOD	ND(<0.1)	MG/KG	12/17/03	LAH
ARSENIC	EPA-6010	ND(<3.7)	MG/KG	12/10/03	RAB
BARIUM	EPA-6010	64	MG/KG	12/10/03	RAB
CADMIUM	EPA-6010	ND(<0.46)	MG/KG	12/10/03	RAB
CHROMIUM	EPA-6010	15	MG/KG	12/10/03	RAB
LEAD	EPA-6010	38	MG/KG	12/10/03	RAB
MERCURY	EPA-7471	0.07	MG/KG	12/11/03	RAB
SELENIUM	EPA-6010	ND(<3.7)	MG/KG	12/10/03	RAB
SILVER	EPA-6010	ND(<2.8)	MG/KG	12/10/03	RAB



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CERTIFICATE OF ANALYSIS

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10728 LAKE CITY WAY NE
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DATE: 12/19/03
CCIL JOB #: 312038
CCIL SAMPLE #: 7
DATE RECEIVED: 12/5/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-SB-04-3-4 12/4/03 0940

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS	ANALYSIS
				DATE	BY

NOTES: CHROMATOGRAM INDICATES SAMPLE CONTAINS PRODUCT WHICH IS LIKELY LUBE OIL
DIESEL RANGE RESULT IS DUE TO LUBE OIL RANGE OVERLAP

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:

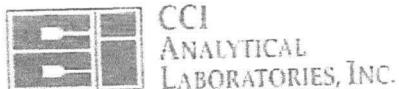
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG

DIESEL RANGE REPORTING LIMIT IS 25 MG/KG

LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: 



CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

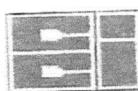
DATE: 12/19/03
CCIL JOB #: 312038
CCIL SAMPLE #: 9
DATE RECEIVED: 12/5/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-SB-05-3-4 12/4/03 1001

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
DICHLORODIFLUOROMETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
CHLOROMETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
VINYL CHLORIDE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
BROMOMETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
CHLOROETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
TRICHLORODIFLUOROMETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,1-DICHLOROETHENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
METHYLENE CHLORIDE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
TRANS-1,2-DICHLOROETHENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,1-DICHLOROETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
CIS-1,2-DICHLOROETHENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
2,2-DICHLOROPROPANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
BROMOCHLOROMETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
CHLOROFORM	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,1,1-TRICHLOROETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,1-DICHLOROPROPENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
CARBON TETRACHLORIDE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,2-DICHLOROETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
TRICHLOROETHENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,2-DICHLOROPROPANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
DIBROMOMETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
BROMODICHLOROMETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
TRANS-1,3-DICHLOROPROPENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
CIS-1,3-DICHLOROPROPENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,1,2-TRICHLOROETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,3-DICHLOROPROPANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
TETRACHLOROETHYLENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
DIBROMOCHLOROMETHANE	EPA-8260	ND(<5)	UG/KG	12/16/03	CCN
1,2-DIBROMOETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
CHLOROBENZENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
BROMOFORM	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,1,2,2-TETRACHLOROETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,2,3-TRICHLOROPROPANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
BROMOBENZENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
2-CHLOROTOLUENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN



CCI
ANALYTICAL
LABORATORIES, INC.

CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

DATE: 12/19/03
CCIL JOB #: 312038
CCIL SAMPLE #: 9
DATE RECEIVED: 12/5/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-SB-05-3-4 12/4/03 1001

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	DATE	ANALYSIS BY
4-CHLOROTOLUENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,3 DICHLOROBENZENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,4-DICHLOROBENZENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,2-DICHLOROBENZENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,2-DIBROMO 3-CHLOROPROPANE	EPA-8260	ND(<50)	UG/KG	12/16/03	CCN
1,2,4-TRICHLOROBENZENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
HEXACHLORO1,3-BUTADIENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,2,3-TRICHLOROBENZENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
PYRIDINE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
N-NITROSODIMETHYLAMINE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
PHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
ANILINE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BIS(2-CHLOROETHYL)ETHER	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2-CHLOROPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
1,3-DICHLOROBENZENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
1,4-DICHLOROBENZENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BENZYL ALCOHOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
1,2-DICHLOROBENZENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2-METHYLPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BIS(2-CHLOROISOPROPYL)ETHER	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
4-METHYLPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
N-NITROSO-DI-N-PROPYLAMINE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
HEXACHLOROETHANE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
NITROBENZENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
ISOPHORONE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2-NITROPHENOL	EPA-8270	ND(<250)	UG/KG	12/16/03	CCN
2,4-DIMETHYLPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BENZOIC ACID	EPA-8270	ND(<1000)	UG/KG	12/16/03	CCN
BIS(2-CHLOROETHOXY)METHANE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2,4-DICHLOROPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
1,2,4-TRICHLOROBENZENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
NAPHTHALENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
4-CHLOROANILINE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2,6-DICHLOROPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN



CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

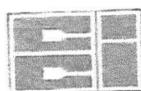
DATE: 12/19/03
CCIL JOB #: 312038
CCIL SAMPLE #: 9
DATE RECEIVED: 12/5/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-SB-05-3-4 12/4/03 1001

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	DATE	ANALYSIS BY
HEXACHLOROBUTADIENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
4-CHLORO-3-METHYLPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2-METHYLNAPHTHALENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
1-METHYLNAPHTHALENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
HEXACHLOROCYCLOPENTADIENE	EPA-8270	ND(<500)	UG/KG	12/16/03	CCN
2,4,6-TRICHLOROPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2,4,5-TRICHLOROPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2-CHLORONAPHTHANE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2-NITROANILINE	EPA-8270	ND(<250)	UG/KG	12/16/03	CCN
ACENAPHTHYLENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
DIMETHYLPHthalate	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2,6-DINITROTOLUENE	EPA-8270	ND(<250)	UG/KG	12/16/03	CCN
ACENAPHTHENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
3-NITROANILINE	EPA-8270	ND(<250)	UG/KG	12/16/03	CCN
2,4-DINITROPHENOL	EPA-8270	ND(<500)	UG/KG	12/16/03	CCN
4-NITROPHENOL	EPA-8270	ND(<500)	UG/KG	12/16/03	CCN
DIBENZOFURAN	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2,4-DINITROTOLUENE	EPA-8270	ND(<250)	UG/KG	12/16/03	CCN
2,3,4,6-TETRACHLOROPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
DIETHYLPHthalate	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
FLUORENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
4-CHLOROPHENYL-PHENYLETHER	EPA-8270	ND(<250)	UG/KG	12/16/03	CCN
4-NITROANILINE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
4,6-DINITRO-2-METHYLPHENOL	EPA-8270	ND(<500)	UG/KG	12/16/03	CCN
N-NITROSODIPHENYLAMINE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
AZOBENZENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
4-BROMOPHENYL-PHENYLETHER	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
HEXACHLOROBENZENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
PENTACHLOROPHENOL	EPA-8270	ND(<500)	UG/KG	12/16/03	CCN
PHENANTHRENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
ANTHRACENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
CARBAZOLE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
DI-N-BUTYLPHthalate	EPA-8270	ND(<130)	UG/KG	12/16/03	CCN
FLUORANTHENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
PYRENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN



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LABORATORIES, INC.

CERTIFICATE OF ANALYSIS

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10728 LAKE CITY WAY NE
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DATE: 12/19/03
CCIL JOB #: 312038
CCIL SAMPLE #: 9
DATE RECEIVED: 12/5/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-SB-05-3-4 12/4/03 1001

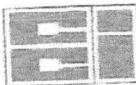
DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS	ANALYSIS
				DATE	BY
BUTYLBENZYLPHthalATE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
3,3'-DICHLOROBENZIDINE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BENZO[AJ]ANTHACENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
CHRYSENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BIS(2-ETHYLHEXYL)PHthalATE	EPA-8270	ND(<130)	UG/KG	12/16/03	CCN
DI-N-OCTYLPHthalATE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BENZO[B]FLUORANTHENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BENZO[K]FLUORANTHENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BENZO[A]PYRENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
INDENO[1,2,3-CD]PYRENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
DIBENZ[A,H]ANTHACENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BENZO[G,H,I]PERYLENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES.

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:



CCI
ANALYTICAL
LABORATORIES, INC.

CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

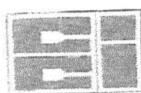
DATE: 12/19/03
CCIL JOB #: 312038
CCIL SAMPLE #: 12
DATE RECEIVED: 12/5/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-SB-06-5-6 12/4/03 0831

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS	ANALYSIS
				DATE	BY
DICHLORODIFLUOROMETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
CHLOROMETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
VINYL CHLORIDE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
BROMOMETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
CHLOROETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
TRICHLOROFUOROMETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,1-DICHLOROETHENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
METHYLENE CHLORIDE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
TRANS-1,2-DICHLOROETHENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,1-DICHLOROETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
CIS-1,2-DICHLOROETHENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
2,2-DICHLOROPROPANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
BROMOCHLOROMETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
CHLOROFORM	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,1,1-TRICHLOROETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,1-DICHLOROPROPENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
CARBON TETRACHLORIDE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,2-DICHLOROETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
TRICHLOROETHENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,2-DICHLOROPROPANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
DIBROMOMETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
BROMODICHLOROMETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
TRANS-1,3-DICHLOROPROPENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
CIS-1,3-DICHLOROPROPENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,1,2-TRICHLOROETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,3-DICHLOROPROPANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
TETRACHLOROETHYLENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
DIBROMOCHLOROMETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,2-DIBROMOETHANE	EPA-8260	ND(<5)	UG/KG	12/16/03	CCN
CHLOROBENZENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN



CCI
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LABORATORIES, INC.

CERTIFICATE OF ANALYSIS

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10728 LAKE CITY WAY NE
SEATTLE, WA 98125

DATE: 12/19/03
CCIL JOB #: 312038
CCIL SAMPLE #: 12
DATE RECEIVED: 12/5/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-SB-06-5-6 12/4/03 0831

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	DATE	ANALYSIS BY
BROMOFORM	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,1,2,2-TETRACHLOROETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,2,3-TRICHLOROPROPANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
BROMOBENZENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
2-CHLOROTOLUENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
4-CHLOROTOLUENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,3 DICHLOROBENZENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,4-DICHLOROBENZENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,2-DICHLOROBENZENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,2-DIBROMO 3-CHLOROPROPANE	EPA-8260	ND(<50)	UG/KG	12/16/03	CCN
1,2,4-TRICHLOROBENZENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
HEXACHLORO1,3-BUTADIENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,2,3-TRICHLOROBENZENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
PYRIDINE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
N-NITROSODIMETHYLAMINE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
PHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
ANILINE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BIS(2-CHLOROETHYL)ETHER	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2-CHLOROPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
1,3-DICHLOROBENZENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
1,4-DICHLOROBENZENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BENZYL ALCOHOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
1,2-DICHLOROBENZENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2-METHYLPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BIS(2-CHLOROISOPROPYL)ETHER	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
4-METHYLPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
N-NITROSO-DI-N-PROPYLAMINE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
HEXACHLOROETHANE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
NITROBENZENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN



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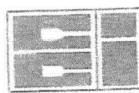
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CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-SB-06-5-6 12/4/03 0831

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	DATE	ANALYSIS BY
ISOPHORONE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2-NITROPHENOL	EPA-8270	ND(<250)	UG/KG	12/16/03	CCN
2,4-DIMETHYLPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BENZOIC ACID	EPA-8270	ND(<1000)	UG/KG	12/16/03	CCN
BIS(2-CHLOROETHOXY)METHANE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2,4-DICHLOROPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
1,2,4-TRICHLOROBENZENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
NAPHTHALENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
4-CHLOROANILINE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2,6-DICHLOROPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
HEXACHLOROBUTADIENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
4-CHLORO-3-METHYLPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2-METHYLNAPHTHALENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
1-METHYLNAPHTHALENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
HEXACHLOROCYCLOPENTADIENE	EPA-8270	ND(<500)	UG/KG	12/16/03	CCN
2,4,6-TRICHLOROPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2,4,5-TRICHLOROPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2-CHLORONAPHTHANLENE	EPA-8270	ND(<250)	UG/KG	12/16/03	CCN
2-NITROANILINE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
ACENAPHTHYLENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
DIMETHYLPHthalATE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2,6-DINITROTOLUENE	EPA-8270	ND(<250)	UG/KG	12/16/03	CCN
ACENAPHTHENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
3-NITROANILINE	EPA-8270	ND(<250)	UG/KG	12/16/03	CCN
2,4-DINITROPHENOL	EPA-8270	ND(<500)	UG/KG	12/16/03	CCN
4-NITROPHENOL	EPA-8270	ND(<500)	UG/KG	12/16/03	CCN
DIBENZOFURAN	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2,4-DINITROTOLUENE	EPA-8270	ND(<250)	UG/KG	12/16/03	CCN
2,3,4,6-TETRACHLOROPHENOL	EPA-8270	ND(<250)	UG/KG	12/16/03	CCN
DIETHYLPHthalATE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN



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LABORATORIES, INC.

CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

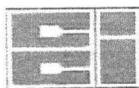
DATE: 12/19/03
CCIL JOB #: 312038
CCIL SAMPLE #: 12
DATE RECEIVED: 12/5/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-SB-06-5-6 12/4/03 0831

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
FLUORENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
4-CHLOROPHENYL-PHENYLETHER	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
4-NITROANILINE	EPA-8270	ND(<250)	UG/KG	12/16/03	CCN
4,6-DINITRO-2-METHYLPHENOL	EPA-8270	ND(<500)	UG/KG	12/16/03	CCN
N-NITROSODIPHENYLAMINE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
AZOBENZENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
4-BROMOPHENYL-PHENYLETHER	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
HEXACHLOROBENZENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
PENTACHLOROPHENOL	EPA-8270	ND(<500)	UG/KG	12/16/03	CCN
PHENANTHRENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
ANTHRACENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
CARBAZOLE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
DI-N-BUTYLPHthalATE	EPA-8270	ND(<130)	UG/KG	12/16/03	CCN
FLUORANTHENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
PYRENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BUTYLBENZYLPHthalATE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
3,3'-DICHLOROBENZIDINE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BENZO[A]ANTHRACENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
CHRYSENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BIS(2-ETHYLHEXYL)PHTHALATE	EPA-8270	ND(<130)	UG/KG	12/16/03	CCN
DI-N-OCTYLPHthalATE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BENZO[B]FLUORANTHENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BENZO[K]FLUORANTHENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BENZO[A]PYRENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
INDENO[1,2,3-CD]PYRENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
DIBENZ[A,H]ANTHRACENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BENZO[G,H,I]PERYLENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN



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CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

DATE: 12/19/03
CCIL JOB #: 312038
CCIL SAMPLE #: 12
DATE RECEIVED: 12/5/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-SB-06-5-6 12/4/03 0831

DATA RESULTS

ANALYTE	METHOD	RESULTS ^a	UNITS ^{**}	ANALYSIS DATE	ANALYSIS BY
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^a "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES.

^{**} UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: 



CCI
ANALYTICAL
LABORATORIES, INC.

CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

DATE: 12/30/03
CCIL JOB #: 312038
CCIL SAMPLE #: 15
DATE RECEIVED: 12/5/03
WDOE ACCREDITATION #: C142

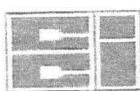
CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-SB-08-3-4 12/4/03 1018

REPORT AMENDED TO INCLUDE ADDITIONAL PARAMETER

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
PYRIDINE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
N-NITROSODIMETHYLAMINE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
PHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
ANILINE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BIS(2-CHLOROETHYL)ETHER	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2-CHLOROPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
1,3-DICHLOROBENZENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
1,4-DICHLOROBENZENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BENZYL ALCOHOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
1,2-DICHLOROBENZENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2-METHYLPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BIS(2-CHLOROISOPROPYL)ETHER	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
4-METHYLPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
N-NITROSO-DI-N-PROPYLAMINE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
HEXACHLOROETHANE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
NITROBENZENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
ISOPHORONE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2-NITROPHENOL	EPA-8270	ND(<250)	UG/KG	12/16/03	CCN
2,4-DIMETHYLPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BENZOIC ACID	EPA-8270	ND(<1000)	UG/KG	12/16/03	CCN
BIS(2-CHLOROETHOXY)METHANE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2,4-DICHLOROPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
1,2,4-TRICHLOROBENZENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
NAPHTHALENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
4-CHLOROANILINE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2,6-DICHLOROPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
HEXACHLOROBUTADIENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
4-CHLORO-3-METHYLPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2-METHYLNAPHTHALENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
1-METHYLNAPHTHALENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
HEXACHLOROCYCLOPENTADIENE	EPA-8270	ND(<500)	UG/KG	12/16/03	CCN



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CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

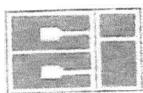
DATE: 12/30/03
CCIL JOB #: 312038
CCIL SAMPLE #: 15
DATE RECEIVED: 12/5/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-SB-08-3-4 12/4/03 1018

REPORT AMENDED TO INCLUDE ADDITIONAL PARAMETER

ANALYTE	DATA RESULTS			ANALYSIS DATE	ANALYSIS BY
	METHOD	RESULTS*	UNITS**		
2,4,6-TRICHLOROPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2,4,5-TRICHLOROPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2-CHLORONAPHTHANLENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2-NITROANILINE	EPA-8270	ND(<250)	UG/KG	12/16/03	CCN
ACENAPHTHYLENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
DIMETHYLPHthalate	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2,6-DINITROTOLUENE	EPA-8270	ND(<250)	UG/KG	12/16/03	CCN
ACENAPHTHENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
3-NITROANILINE	EPA-8270	ND(<250)	UG/KG	12/16/03	CCN
2,4-DINITROPHENOL	EPA-8270	ND(<500)	UG/KG	12/16/03	CCN
4-NITROPHENOL	EPA-8270	ND(<500)	UG/KG	12/16/03	CCN
DIBENZOFURAN	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2,4-DINITROTOLUENE	EPA-8270	ND(<250)	UG/KG	12/16/03	CCN
2,3,4,6-TETRACHLOROPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
DIETHYLPHthalate	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
FLUORENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
4-CHLOROPHENYL-PHENYLETHER	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
4-NITROANILINE	EPA-8270	ND(<250)	UG/KG	12/16/03	CCN
4,6-DINITRO-2-METHYLPHENOL	EPA-8270	ND(<500)	UG/KG	12/16/03	CCN
N-NITROSODIPHENYLAMINE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
AZOBENZENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
4-BROMOPHENYL-PHENYLETHER	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
HEXACHLOROBENZENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
PENTACHLOROPHENOL	EPA-8270	ND(<500)	UG/KG	12/16/03	CCN
PHENANTHRENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
ANTHRACENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
CARBAZOLE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
DI-N-BUTYLPHthalate	EPA-8270	ND(<130)	UG/KG	12/16/03	CCN
FLUORANTHENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
PYRENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BUTYLBENZYLPHthalate	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN



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CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

DATE: 12/30/03
CCIL JOB #: 312038
CCIL SAMPLE #: 15
DATE RECEIVED: 12/5/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-SB-08-3-4 12/4/03 1018

REPORT AMENDED TO INCLUDE ADDITIONAL PARAMETER

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
3,3'-DICHLOROBENZIDINE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BENZO[A]ANTHRACENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
CHRYSENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BIS(2-ETHYLHEXYL)PHTHALATE	EPA-8270	830	UG/KG	12/16/03	CCN
DI-N-OCTYLPHthalate	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BENZO[B]FLUORANTHENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BENZO[K]FLUORANTHENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BENZO[A]PYRENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
INDENO[1,2,3-CD]PYRENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
DIBENZ[A,H]ANTHRACENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BENZO[G,H,I]PERYLENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
PCB-1016	EPA-8082 MOD	ND(<0.2)	MG/KG	12/17/03	LAH
PCB-1221	EPA-8082 MOD	ND(<0.2)	MG/KG	12/17/03	LAH
PCB-1232	EPA-8082 MOD	ND(<0.2)	MG/KG	12/17/03	LAH
PCB-1242	EPA-8082 MOD	ND(<0.2)	MG/KG	12/17/03	LAH
PCB-1248	EPA-8082 MOD	ND(<0.2)	MG/KG	12/17/03	LAH
PCB-1254	EPA-8082 MOD	ND(<0.2)	MG/KG	12/17/03	LAH
PCB-1260	EPA-8082 MOD	ND(<0.2)	MG/KG	12/17/03	LAH
ARSENIC	EPA-6010	ND(<4.3)	MG/KG	12/11/03	RAB
BARIUM	EPA-6010	66	MG/KG	12/11/03	RAB
CADMIUM	EPA-6010	9.6	MG/KG	12/11/03	RAB
CHROMIUM	EPA-6010	79	MG/KG	12/11/03	RAB
LEAD	EPA-6010	51	MG/KG	12/11/03	RAB
MERCURY	EPA-7471	0.67	MG/KG	12/11/03	RAB
SELENIUM	EPA-6010	ND(<4.3)	MG/KG	12/11/03	RAB
SILVER	EPA-6010	ND(<3.2)	MG/KG	12/11/03	RAB
HEXAVALENT CHROME	EPA-7196 MOD	ND(<5.0)	MG/KG	12/29/03	RAB



CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

DATE: 12/30/03
CCIL JOB #: 312038
CCIL SAMPLE #: 15
DATE RECEIVED: 12/5/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-SB-08-3-4 12/4/03 1018

REPORT AMENDED TO INCLUDE ADDITIONAL PARAMETER

DATA RESULTS

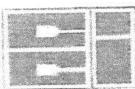
ANALYTE	METHOD	RESULTS*	UNITS**	DATE	ANALYSIS BY
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NOTE: ANALYSIS FOR PCB SHOWS PEAKS WHICH CLOSELY RESEMBLE AROCLORS BUT PATTERN AND RETENTION TIME ARE NOT CLOSE ENOUGH FOR IDENTIFICATION

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES.

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: 



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LABORATORIES, INC.

CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

DATE: 12/10/03
CCIL JOB #: 312038
CCIL SAMPLE #: 17
DATE RECEIVED: 12/5/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-SB-08-8-8.5 12/4/03 1029

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	DATE	ANALYSIS BY
TPH-VOLATILE RANGE	NWTPH-GX	ND	MG/KG	12/8/03	LAH
BENZENE	EPA-8021	ND(<0.03)	MG/KG	12/8/03	LAH
TOLUENE	EPA-8021	ND(<0.05)	MG/KG	12/8/03	LAH
ETHYLBENZENE	EPA-8021	ND(<0.05)	MG/KG	12/8/03	LAH
XYLENES	EPA-8021	ND(<0.2)	MG/KG	12/8/03	LAH
TPH-DIESEL RANGE	NWTPH-DX W/CLEANUP	ND	MG/KG	12/8/03	DLC
TPH-LUBE OIL RANGE	NWTPH-DX W/CLEANUP	ND	MG/KG	12/8/03	DLC

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG
DIESEL RANGE REPORTING LIMIT IS 25 MG/KG
LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:



CCI
ANALYTICAL
LABORATORIES, INC.

CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

DATE: 12/19/03
CCIL JOB #: 312038
CCIL SAMPLE #: 24
DATE RECEIVED: 12/5/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-SB-11-3-4 12/4/03 1141

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	DATE	ANALYSIS BY
DICHLORODIFLUOROMETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
CHLOROMETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
VINYL CHLORIDE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
BROMOMETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
CHLOROETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
TRICHLORODIFLUOROMETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,1-DICHLOROETHENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
METHYLENE CHLORIDE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
TRANS-1,2-DICHLOROETHENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,1-DICHLOROETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
CIS-1,2-DICHLOROETHENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
2,2-DICHLOROPROPANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
BROMOCHLOROMETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
CHLOROFORM	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,1,1-TRICHLOROETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,1-DICHLOROPROPENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
CARBON TETRACHLORIDE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,2-DICHLOROETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
TRICHLOROETHENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,2-DICHLOROPROPANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
DIBROMOMETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
BROMODICHLOROMETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
TRANS-1,3-DICHLOROPROPENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
CIS-1,3-DICHLOROPROPENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,1,2-TRICHLOROETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,3-DICHLOROPROPANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
TETRACHLOROETHYLENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
DIBROMOCHLOROMETHANE	EPA-8260	ND(<5)	UG/KG	12/16/03	CCN
1,2-DIBROMOETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
CHLOROBENZENE	EPA-8260	ND(<10)	UG/KG		



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CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

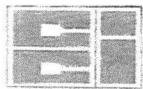
DATE: 12/19/03
CCIL JOB #: 312038
CCIL SAMPLE #: 24
DATE RECEIVED: 12/5/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-SB-11-3-4 12/4/03 1141

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	DATE	ANALYSIS BY
BROMOFORM	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,1,2,2-TETRACHLOROETHANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,2,3-TRICHLOROPROPANE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
BROMOBENZENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
2-CHLOROTOLUENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
4-CHLOROTOLUENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,3 DICHLOROBENZENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,4-DICHLOROBENZENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,2-DICHLOROBENZENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,2-DIBROMO 3-CHLOROPROPANE	EPA-8260	ND(<50)	UG/KG	12/16/03	CCN
1,2,4-TRICHLOROBENZENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
HEXACHLORO1,3-BUTADIENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
1,2,3-TRICHLOROBENZENE	EPA-8260	ND(<10)	UG/KG	12/16/03	CCN
PYRIDINE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
N-NITROSODIMETHYLAMINE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
PHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
ANILINE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BIS(2-CHLOROETHYL)ETHER	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2-CHLOROPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
1,3-DICHLOROBENZENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
1,4-DICHLOROBENZENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BENZYL ALCOHOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
1,2-DICHLOROBENZENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2-METHYLPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BIS(2-CHLOROISOPROPYL)ETHER	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
4-METHYLPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
N-NITROSO-DI-N-PROPYLAMINE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
HEXACHLOROETHANE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
NITROBENZENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN



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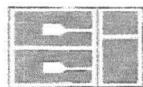
DATE: 12/19/03
CCIL JOB #: 312038
CCIL SAMPLE #: 24
DATE RECEIVED: 12/5/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-SB-11-3-4 12/4/03 1141

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
ISOPHORONE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2-NITROPHENOL	EPA-8270	ND(<250)	UG/KG	12/16/03	CCN
2,4-DIMETHYLPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BENZOIC ACID	EPA-8270	ND(<1000)	UG/KG	12/16/03	CCN
BIS(2-CHLOROETHOXY)METHANE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2,4-DICHLOROPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
1,2,4-TRICHLOROBENZENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
NAPHTHALENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
4-CHLOROANILINE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2,6-DICHLOROPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
HEXACHLOROBUTADIENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
4-CHLORO-3-METHYLPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2-METHYLNAPHTHALENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
1-METHYLNAPHTHALENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
HEXACHLOROCYCLOPENTADIENE	EPA-8270	ND(<500)	UG/KG	12/16/03	CCN
2,4,6-TRICHLOROPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2,4,5-TRICHLOROPHENOL	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2-CHLORONAPHTHANLENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2-NITROANILINE	EPA-8270	ND(<250)	UG/KG	12/16/03	CCN
ACENAPHTHYLENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
DIMETHYLPHTHALATE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2,6-DINITROTOLUENE	EPA-8270	ND(<250)	UG/KG	12/16/03	CCN
ACENAPHTHENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
3-NITROANILINE	EPA-8270	ND(<250)	UG/KG	12/16/03	CCN
2,4-DINITROPHENOL	EPA-8270	ND(<500)	UG/KG	12/16/03	CCN
4-NITROPHENOL	EPA-8270	ND(<500)	UG/KG	12/16/03	CCN
DIBENZOFURAN	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
2,4-DINITROTOLUENE	EPA-8270	ND(<250)	UG/KG	12/16/03	CCN
2,3,4,6-TETRACHLOROPHENOL	EPA-8270	ND(<250)	UG/KG	12/16/03	CCN
DIETHYLPHTHALATE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN



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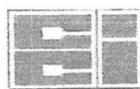
DATE: 12/19/03
CCIL JOB #: 312038
CCIL SAMPLE #: 24
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WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-SB-11-3-4 12/4/03 1141

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	DATE	ANALYST BY
FLUORENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
4-CHLOROPHENYL-PHENYLETHER	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
4-NITROANILINE	EPA-8270	ND(<250)	UG/KG	12/16/03	CCN
4,6-DINITRO-2-METHYLPHENOL	EPA-8270	ND(<500)	UG/KG	12/16/03	CCN
N-NITROSODIPHENYLAMINE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
AZOBENZENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
4-BROMOPHENYL-PHENYLETHER	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
HEXACHLOROBENZENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
PENTACHLOROPHENOL	EPA-8270	ND(<500)	UG/KG	12/16/03	CCN
PHENANTHRENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
ANTHRACENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
CARBAZOLE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
DI-N-BUTYLPHthalate	EPA-8270	ND(<130)	UG/KG	12/16/03	CCN
FLUORANTHENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
PYRENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BUTYLBENZYLPHthalate	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
3,3'-DICHLOROBENZIDINE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BENZO[<i>a</i>]ANTHRACENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
CHRYSENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BIS(2-ETHYLHEXYL)PHTHALATE	EPA-8270	ND(<130)	UG/KG	12/16/03	CCN
DI-N-OCTYLPHthalate	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BENZO[<i>b</i>]FLUORANTHENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BENZO[<i>k</i>]FLUORANTHENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BENZO[<i>a</i>]PYRENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
INDENO[1,2,3-CD]PYRENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
DIBENZ[<i>a,h</i>]ANTHRACENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
BENZO[<i>g,h,i</i>]PERYLENE	EPA-8270	ND(<100)	UG/KG	12/16/03	CCN
ARSENIC	EPA-6010	ND(<4.9)	MG/KG	12/11/03	RAB
BARIUM	EPA-6010	62	MG/KG	12/11/03	RAB



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DATE: 12/19/03
CCIL JOB #: 312038
CCIL SAMPLE #: 24
DATE RECEIVED: 12/5/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-SB-11-3-4 12/4/03 1141

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	DATE	ANALYSIS BY
CADMIUM	EPA-6010	ND(<0.61)	MG/KG	12/11/03	RAB
CHROMIUM	EPA-6010	13	MG/KG	12/11/03	RAB
LEAD	EPA-6010	110	MG/KG	12/11/03	RAB
MERCURY	EPA-7471	0.10	MG/KG	12/11/03	RAB
SELENIUM	EPA-6010	ND(<4.9)	MG/KG	12/11/03	RAB
SILVER	EPA-6010	ND(<3.7)	MG/KG	12/11/03	RAB

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES.

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: [Signature]



CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

DATE: 12/10/03
CCIL JOB #: 312038
CCIL SAMPLE #: 28
DATE RECEIVED: 12/5/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-SB-12-6.5-7.5 12/4/03 1252

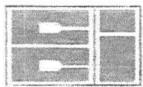
DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	DATE	ANALYSIS BY
TPH-VOLATILE RANGE	NWTPH-GX	ND	MG/KG	12/8/03	LAH
BENZENE	EPA-8021	ND(<0.03)	MG/KG	12/8/03	LAH
TOLUENE	EPA-8021	ND(<0.05)	MG/KG	12/8/03	LAH
ETHYLBENZENE	EPA-8021	ND(<0.05)	MG/KG	12/8/03	LAH
XYLEMES	EPA-8021	ND(<0.2)	MG/KG	12/8/03	LAH
TPH-DIESEL RANGE	NWTPH-DX W/CLEANUP	ND	MG/KG	12/8/03	DLC
TPH-LUBE OIL RANGE	NWTPH-DX W/CLEANUP	ND	MG/KG	12/8/03	DLC

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG
DIESEL RANGE REPORTING LIMIT IS 25 MG/KG
LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: [Signature]



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CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
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DATE: 12/19/03
CCIL JOB #: 312038

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WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232

QUALITY CONTROL RESULTS

SURROGATE RECOVERY

CCIL SAMPLE ID	ANALYTE	SUR ID	% RECV
312038-04	NWTPH-GX	TFT	90
312038-04	EPA-8021	TFT	79
312038-04	NWTPH-DX W/CLEANUP	C25	96
312038-04	EPA-8260	1,2-DCE-d4	105
312038-04	EPA-8260	4-BFB	104
312038-07	NWTPH-GX	TFT	93
312038-07	EPA-8021	TFT	81
312038-07	NWTPH-DX W/CLEANUP	C25	88
312038-07	EPA-8270	2-FLUOROPHENOL	98
312038-07	EPA-8270	PHENOL-d5	99
312038-07	EPA-8270	NITROBENZENE-d5	93
312038-07	EPA-8270	2-FLUOROBIPHENYL	99
312038-07	EPA-8270	2,4,6-TRIBROMOPHENOL	128
312038-07	EPA-8270	TERPHENYL-d14	105
312038-07	EPA-8082MOD	TCMX	133
312038-07	EPA-8082MOD	DBC	130
312038-09	EPA-8260	1,2-DCE-d4	111
312038-09	EPA-8260	4-BFB	100
312038-09	EPA-8270	2-FLUOROPHENOL	85
312038-09	EPA-8270	PHENOL-d5	88
312038-09	EPA-8270	NITROBENZENE-d5	91
312038-09	EPA-8270	2-FLUOROBIPHENYL	82
312038-09	EPA-8270	2,4,6-TRIBROMOPHENOL	85
312038-09	EPA-8270	TERPHENYL-d14	88
312038-12	EPA-8260	1,2-DCE-d4	108
312038-12	EPA-8260	4-BFB	100
312038-12	EPA-8270	2-FLUOROPHENOL	81
312038-12	EPA-8270	PHENOL-d5	84



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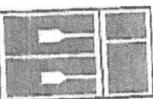
CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232

QUALITY CONTROL RESULTS

312038-12	EPA-8270	NITROBENZENE-d5	87
312038-12	EPA-8270	2-FLUOROBIPHENYL	80
312038-12	EPA-8270	2,4,6-TRIBROMOPHENOL	87
312038-12	EPA-8270	TERPHENYL-d14	87
312038-15	EPA-8270	2-FLUOROPHENOL	67
312038-15	EPA-8270	PHENOL-d5	70
312038-15	EPA-8270	NITROBENZENE-d5	77
312038-15	EPA-8270	2-FLUOROBIPHENYL	69
312038-15	EPA-8270	2,4,6-TRIBROMOPHENOL	71
312038-15	EPA-8270	TERPHENYL-d14	73
312038-15	EPA-8082MOD	TCMX	113
312038-15	EPA-8082MOD	DBC	129
312038-17	NWTPH-GX	TFT	75
312038-17	EPA-8021	TFT	67
312038-17	NWTPH-DX W/CLEANUP	C25	100
312038-24	EPA-8260	1,2-DCE-d4	106
312038-24	EPA-8260	4-BFB	100
312038-24	EPA-8270	2-FLUOROPHENOL	70
312038-24	EPA-8270	PHENOL-d5	74
312038-24	EPA-8270	NITROBENZENE-d5	75
312038-24	EPA-8270	2-FLUOROBIPHENYL	68
312038-24	EPA-8270	2,4,6-TRIBROMOPHENOL	73
312038-24	EPA-8270	TERPHENYL-d14	75
312038-28	NWTPH-GX	TFT	83
312038-28	EPA-8021	TFT	80
312038-28	NWTPH-DX W/CLEANUP	C25	88

APPROVED BY:



CCI Analytical Laboratories, Inc.
8620 Holly Drive
Everett, WA 98208
Phone (425) 356-2600
(206) 292-9059 Seattle
(425) 356-2626 Fax
<http://www.cclabs.com>

Chain Of Custody/ Laboratory Analysis Request

CCI Job# (Laboratory Use Only)

Date _____ Page _____ Of _____

OTHER (Specify)

PROJECT ID:

REPORT TO COMPANY:

PROJECT MANAGER:

ADDRESS:

PHONE:

FAX:

P.O. NUMBER:

E-MAIL:

INVOICE TO COMPANY:

ATTENTION:

ADDRESS:

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	TYPE	LAB#	NWTPH-ICID	NWTPH-DX	NWTPH-GX	BTEX by EPA-8021 / EPA-8260	MTBE by EPA-8021 / EPA-8260	Halogenated Volatiles by EPA 8260	Volatile Organic Compounds by EPA 8260	Ethylene dibromide (EDB) by EPA-8260 / EPA-504.1	1,2-Dichloroethane (ECA) by EPA-8260	Semi-volatile Organic Compounds by EPA 8270	Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SRA	PCB by EPA 808/8082	Pesticides by EPA 808/8082	Metals-ATMCA-5 / RCRA-8 / Pn Pm / Tl	Metals Other (Specify)	TCLP-Metals VOA	Semi-Vol. Pest Herb.	OTHER (Specify)	NUMBER OF CONTAINERS	RECEIVED IN GOOD CONDITION?
1. <i>Soil sample 1</i>	<i>10/30/03</i>	<i>10:00 AM</i>																						
2. <i>Soil sample 2</i>	<i>10/30/03</i>	<i>10:00 AM</i>																						
3. <i>Soil sample 3</i>	<i>10/30/03</i>	<i>10:00 AM</i>																						
4. <i>Soil sample 4</i>	<i>10/30/03</i>	<i>10:00 AM</i>																						
5. <i>Soil sample 5</i>	<i>10/30/03</i>	<i>10:00 AM</i>																						
6. <i>Soil sample 6</i>	<i>10/30/03</i>	<i>10:00 AM</i>																						
7. <i>Soil sample 7</i>	<i>10/30/03</i>	<i>10:00 AM</i>																						
8. <i>Soil sample 8</i>	<i>10/30/03</i>	<i>10:00 AM</i>																						
9. <i>Soil sample 9</i>	<i>10/30/03</i>	<i>10:00 AM</i>																						
10. <i>Soil sample 10</i>	<i>10/30/03</i>	<i>10:00 AM</i>																						

SPECIAL INSTRUCTIONS

Total Pw added 10/30/03 per L12 due 1/5/04 RB
CCI Analytical Laboratories, Inc accepts and processes this request on the terms and conditions set forth on the reverse side. By its signature hereon, Customer accepts these terms and conditions.

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: *John Doe* / *10/30/03*

Received By: *John Doe*

2. Relinquished By: *John Doe*

TURNAROUND REQUESTED in Business Days*

OTHER:

Specify: *Note: 10/30/03*

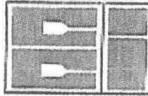
Organic, Metals & Inorganic Analysis

10	5	3	2	1	SAME DAY
Standard					

Fuels & Hydrocarbon Analysis

5	3	1	SAME DAY
Standard			

* Turnaround request less than standard may incur Rush Charges



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<http://www.ccilabs.com>

Chain Of Custody/ Laboratory Analysis Request

CCI Job # (Laboratory Use Only)

PROJECT ID:	123456789			
REPORT TO COMPANY:	The Boeing Company			
PROJECT MANAGER:	Lisa Johnson			
ADDRESS:	2121 11th Avenue NE Seattle, WA 98103			
PHONE:	425-356-2600 FAX: 425-356-2626			
P.O. NUMBER:	E-MAIL: ccilabs@boeing.com			
INVOICE TO COMPANY:				
ATTENTION:				
ADDRESS:				
SAMPLE I.D.	DATE	TIME	TYPE	LAB#
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				

ANALYSIS REQUESTED

NW/TPH-HC/ID	ANALYSIS REQUESTED	OTHER (Specify)	NUMBER OF CONTAINERS
NW/TPH-DX	Volatile Organic Compounds by EPA 8260		
NW/TPH-GX	Ethylene dibromide (EDB) by EPA-8260	EPA-504 1	
BTEX by EPA-8021	1,2 Dichloroethene (DCE) by EPA-8260		
MTBE by EPA-8021	Semivolatile Organic Compounds by EPA 8270		
	Polycyclic Aromatic Hydrocarbons (PAH) by EPA-8270 S4		
	PCB	Pesticides by EPA 8031/8082	
		Metals MTCA-5: RCRA-8: PNL-P: TAL	
		Metals Other (Specify)	
	TCLP Metals	WQA Semi-Vol Pest! Helbs	
			RECEIVED IN GOOD CONDITION?

SPECIAL INSTRUCTIONS

CCI Analytical Laboratories, Inc accepts and processes this request on the terms and conditions set forth on the reverse side. By its signature hereon, Customer accepts these terms and conditions.

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: *John Doe - Project Manager*

Received By: *John Doe - Project Manager*

2. Relinquished By: *John Doe - Project Manager*

Received By: *John Doe - Project Manager*

Organic, Metals & Inorganic Analysis

10 5 3 2 1 SAME DAY

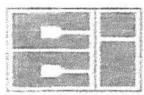
Fuels & Hydrocarbon Analysis

5 3 1 SAME DAY

OTHER:

Specify: *100 minutes*

* Turnaround request less than standard may incur Rush Charges



CCI
ANALYTICAL
LABORATORIES, INC.

CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

DATE: 12/18/03
CCIL JOB #: 312067
CCIL SAMPLE #: 2
DATE RECEIVED: 12/12/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-SB-14-7-8 12/12/03 0820

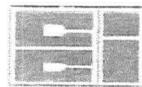
DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-VOLATILE RANGE	NWTPH-GX	ND	MG/KG	12/16/03	LAH
BENZENE	EPA-8021	ND(<0.03)	MG/KG	12/16/03	LAH
TOLUENE	EPA-8021	ND(<0.05)	MG/KG	12/16/03	LAH
ETHYLBENZENE	EPA-8021	ND(<0.05)	MG/KG	12/16/03	LAH
XYLEMES	EPA-8021	ND(<0.2)	MG/KG	12/16/03	LAH
TPH-DIESEL RANGE	NWTPH-DX W/CLEANUP	ND	MG/KG	12/15/03	DLC
TPH-LUBE OIL RANGE	NWTPH-DX W/CLEANUP	ND	MG/KG	12/15/03	DLC

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 3 MG/KG
DIESEL RANGE REPORTING LIMIT IS 25 MG/KG
LUBE OIL RANGE REPORTING LIMIT IS 50 MG/KG

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:



CCI
ANALYTICAL
LABORATORIES, INC.

CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

DATE: 12/18/03
CCIL JOB #: 312067

DATE RECEIVED: 12/12/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

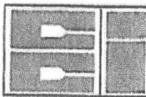
CLIENT PROJECT ID: 2003-232

QUALITY CONTROL RESULTS

SURROGATE RECOVERY

CCIL SAMPLE ID	ANALYTE	SUR ID	% RECV
312067-02	NWTPH-GX	TFT	96
312067-02	EPA-8021	TFT	96
312067-02	NWTPH-DX W/CLEANUP	C25	101

APPROVED BY:



CCI Analytical Laboratories, Inc.
8520 Holly Drive
Everett, WA 98208
Phone (425) 356-2600
(206) 292-9059 Seattle
(425) 356-2626 Fax
<http://www.cclabs.com>

**Chain Of Custody/
Laboratory Analysis Request**

CCI Job# (Laboratory Use Only)

SPECIAL INSTRUCTIONS

CCI Analytical Laboratories, Inc accepts and processes this request on the terms and conditions set forth on the reverse side. By its signature hereon, Customer accepts these terms and conditions.

SIGNATURES (Name, Company, Date, Time):

- 1. Relinquished By:** _____

Received By: _____

2. Relinquished By: _____

Received By: _____

Organic, Metals & Inorganic Analysis

TURNAROUND REQUESTED in Business Days*

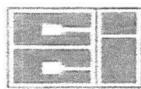
OTHER:

Specify: -

Fuels & Hydrocarbon Analysis

5 3 1 SAME DAY

** Turnaround request less than standard may incur Rush Charges.*



CCI
ANALYTICAL
LABORATORIES, INC.

CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

DATE: 1/15/04
CCIL JOB #: 401018
CCIL SAMPLE #: 1
DATE RECEIVED: 1/12/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-HA1-3/4 1/12/04 0902

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	DATE	ANALYSIS BY
PCB-1016	EPA-8082 MOD	ND(<0.1)	MG/KG	1/13/04	LAH
PCB-1221	EPA-8082 MOD	ND(<0.1)	MG/KG	1/13/04	LAH
PCB-1232	EPA-8082 MOD	ND(<0.1)	MG/KG	1/13/04	LAH
PCB-1242	EPA-8082 MOD	ND(<0.1)	MG/KG	1/13/04	LAH
PCB-1248	EPA-8082 MOD	ND(<0.1)	MG/KG	1/13/04	LAH
PCB-1254	EPA-8082 MOD	0.2	MG/KG	1/13/04	LAH
PCB-1260	EPA-8082 MOD	ND(<0.1)	MG/KG	1/13/04	LAH

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: (V)



CCI
ANALYTICAL
LABORATORIES, INC.

CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

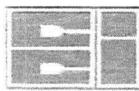
DATE: 1/15/04
CCIL JOB #: 401018
CCIL SAMPLE #: 2
DATE RECEIVED: 1/12/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-HA2-3/4 1/12/04 0934

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	DATE	ANALYSIS BY
DICHLORODIFLUOROMETHANE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
CHLOROMETHANE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
VINYL CHLORIDE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
BROMOMETHANE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
CHLOROETHANE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
TRICHLORODIFLUOROMETHANE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
1,1-DICHLOROETHENE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
METHYLENE CHLORIDE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
TRANS-1,2-DICHLOROETHENE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
1,1-DICHLOROETHANE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
CIS-1,2-DICHLOROETHENE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
2,2-DICHLOROPROPANE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
BROMOCHLOROMETHANE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
CHLOROFORM	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
1,1,1-TRICHLOROETHANE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
1,1-DICHLOROPROPENE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
CARBON TETRACHLORIDE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
1,2-DICHLOROETHANE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
TRICHLOROETHENE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
1,2-DICHLOROPROPANE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
DIBROMOMETHANE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
BROMODICHLOROMETHANE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
TRANS-1,3-DICHLOROPROPENE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
CIS-1,3-DICHLOROPROPENE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
1,1,2-TRICHLOROETHANE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
1,3-DICHLOROPROPANE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
TETRACHLOROETHYLENE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
DIBROMOCHLOROMETHANE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
1,2-DIBROMOETHANE	EPA-8260	ND(<5)	UG/KG	1/13/04	CCN
CHLOROBENZENE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
BROMOFORM	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
1,1,2,2-TETRACHLOROETHANE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
1,2,3-TRICHLOROPROPANE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
BROMOBENZENE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
2-CHLOROTOLUENE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
4-CHLOROTOLUENE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN



CCI
ANALYTICAL
LABORATORIES, INC.

CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

DATE: 1/15/04
CCIL JOB #: 401018
CCIL SAMPLE #: 2
DATE RECEIVED: 1/12/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-HA2-3/4 1/12/04 0934

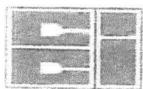
DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	DATE	ANALYSIS BY
1,3 DICHLOROBENZENE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
1,4-DICHLOROBENZENE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
1,2-DICHLOROBENZENE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
1,2-DIBROMO 3-CHLOROPROPANE	EPA-8260	ND(<50)	UG/KG	1/13/04	CCN
1,2,4-TRICHLOROBENZENE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
HEXACHLORO1,3-BUTADIENE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN
1,2,3-TRICHLOROBENZENE	EPA-8260	ND(<10)	UG/KG	1/13/04	CCN

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: (M)



CCI
ANALYTICAL
LABORATORIES, INC.

CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

DATE: 1/15/04
CCIL JOB #: 401018

DATE RECEIVED: 1/12/04
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

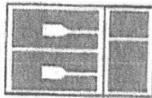
CLIENT PROJECT ID: 2003-232

QUALITY CONTROL RESULTS

SURROGATE RECOVERY

CCIL SAMPLE ID	ANALYTE	SUR ID	% RECV
401018-01	EPA-8082 MOD	TCMX	93
401018-01	EPA-8082 MOD	DBC	106
401018-02	EPA-8260	1,2-DCE-d4	107
401018-02	EPA-8260	4-BFB	95

APPROVED BY:



CCI Analytical Laboratories, Inc.
8620 Holly Drive
Everett, WA 98208
Phone (425) 356-2600
(206) 292-9059 Seattle
(425) 356-2826 Fax
<http://www.cclabs.com>

Chain Of Custody/ Laboratory Analysis Request

CCI Job# (Laboratory Use Only)

PROJECT ID: <i>Sample 113</i> REPORT TO COMPANY: <i>Washington State Dept. of Ecology</i> PROJECT MANAGER: <i>W. F. Frazee</i> ADDRESS: <i>1512 21st Ave. Hwy 99 West Seattle, WA 98125</i> PHONE: <i>206-467-5555</i> FAX: <i>206-467-5555</i> PO. NUMBER: <i>1234567890</i> E-MAIL: <i>dfraze@ecy.wa.gov</i> INVOICE TO COMPANY: ATTENTION: ADDRESS:					Date <i>10/10/01</i> Page <i>1</i> Of <i>1</i>					
ANALYSIS REQUESTED					OTHER (Specify)					
SAMPLE I.D. 1. <i>Stainless-Steel</i> 2. <i>Stainless-Steel</i> 3. 4. 5. 6. 7. 8. 9. 10.	NWTPH-HC1D <input type="checkbox"/> NWTPH-DX <input type="checkbox"/> NWTPH-GX	BTEX by EPA-8021 <input type="checkbox"/> MTBE by EPA-8021 <input type="checkbox"/> EPA-8260	Halogenated Volatiles by EPA 8260 <input type="checkbox"/> Volatile Organic Compounds by EPA 8260	Ethylene dibromide (EDB) by EPA-8260 <input type="checkbox"/> EPA-504.1 <input type="checkbox"/> 1,2 Dichloroethene (EDC) by EPA-8260	Semivolatile Organic Compounds by EPA 8270 <input type="checkbox"/> Polyyclic Aromatic Hydrocarbons (PAHs) by EPA-8270 Std. <input type="checkbox"/>	PCB <input type="checkbox"/> Pesticides <input type="checkbox"/> by EPA 8081/8082 <input type="checkbox"/> Metals-MICA-5 <input type="checkbox"/> RCRA-8 <input type="checkbox"/> Pri Pol. TAL <input type="checkbox"/>	Metals Other (Specify) <input type="checkbox"/> TCLP-Metals <input type="checkbox"/> VOA <input type="checkbox"/> Semi-Vol <input type="checkbox"/> Pers <input type="checkbox"/> Herbs			

SPECIAL INSTRUCTIONS

CCI Analytical Laboratories, Inc accepts and processes this request on the terms and conditions set forth on the reverse side. By its signature hereon, Customer accepts these terms and conditions.

SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: *Washington State Dept. of Ecology*

Received By: *John Doe*

2. Relinquished By:

Received By:

TURNAROUND REQUESTED in Business Days*

Organic, Metals & Inorganic Analysis

OTHER:

10 5 3 2 1 SAME DAY
Starting

Specify:

Fuels & Hydrocarbon Analysis

5 3 1 SAME DAY
Starting

* Turnaround request less than standard may incur Rush Charges

NUMBER OF CONTAINERS
RECEIVED IN GOOD CONDITION?

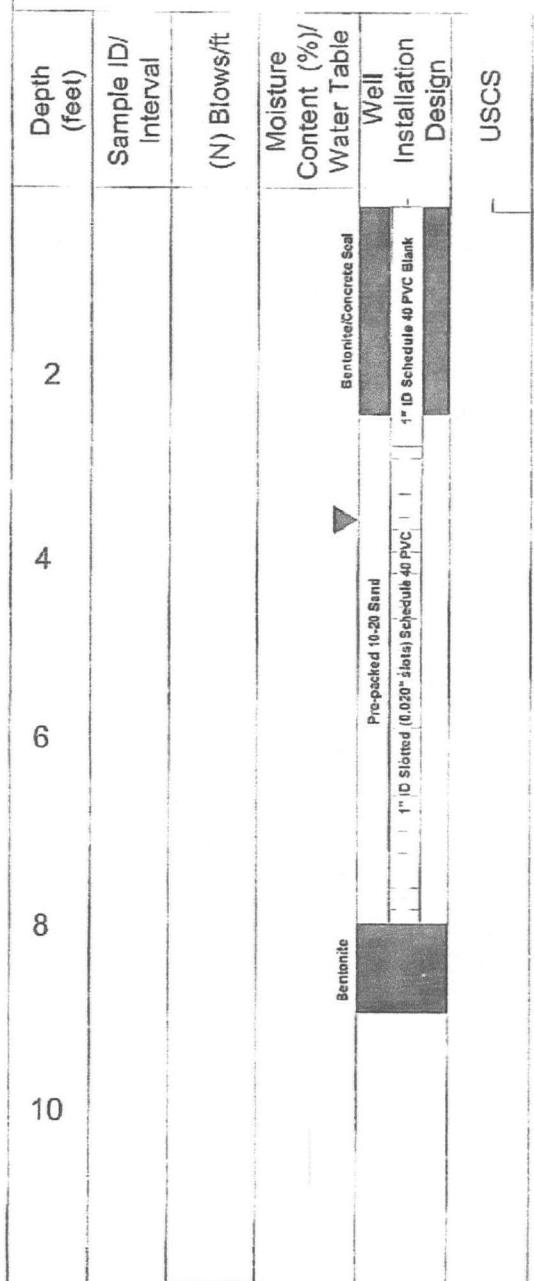
RECOPY COPY

Appendix D

Boring/Well MW-1

Logged by T. Nanevicz on December 16, 2003
 Driller: ESN Northwest, Inc.

Drilled using truck-mounted direct push rig.



Soil Description

flush-mounted traffic-rated monument with locked well cap.

► groundwater level during well installation



The Riley Group, Inc.
 10728 LAKE CITY WAY NE
 SEATTLE, WASHINGTON 98125

Silver Bay Logging Company, Inc.

Riley Project #
 2003-232

Log of Boring MW-1

Appendix D-1

Logged by: T. Nanevicz

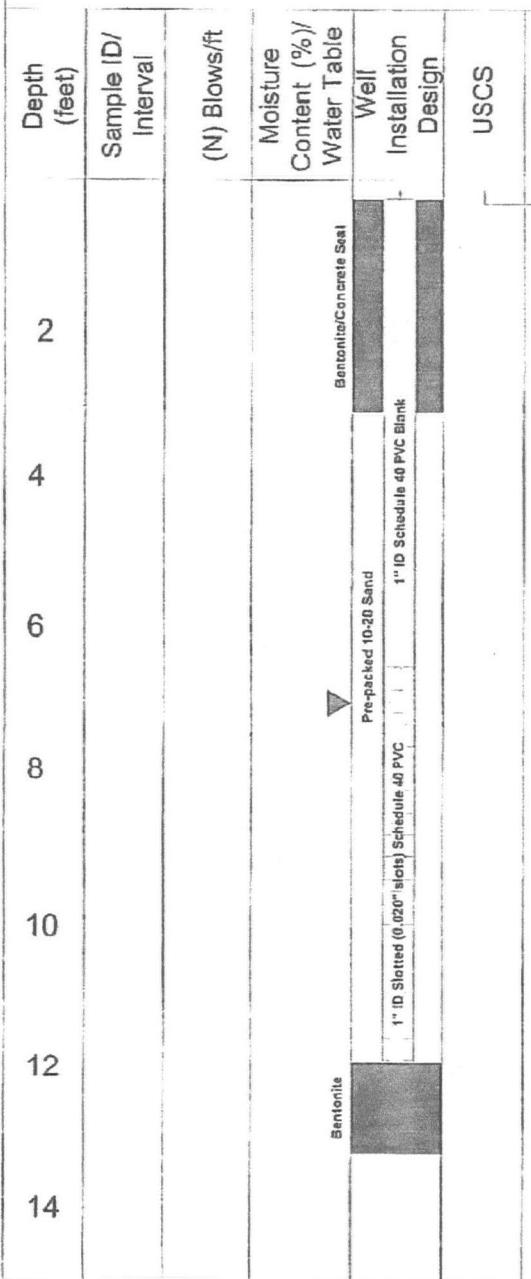
Date Logged: 12/16/03

Site Address: NEC South Kenyon Street & 8th Avenue South, Seattle, Washington

Boring/Well MW-2

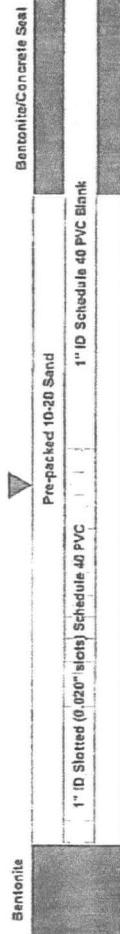
Logged by T. Nanevitz on December 16, 2003
Driller: ESN Northwest, Inc.

Drilled using truck-mounted direct push rig.



flush-mounted traffic-rated monument with locked well cap.

Soil Description



► groundwater level during well installation



The Riley Group, Inc.
10728 LAKE CITY WAY NE
SEATTLE, WASHINGTON 98125

Silver Bay Logging Company, Inc.

Riley Project #
2003-232

Log of Boring MW-2

Appendix D-2

Logged by: T. Nanevitz

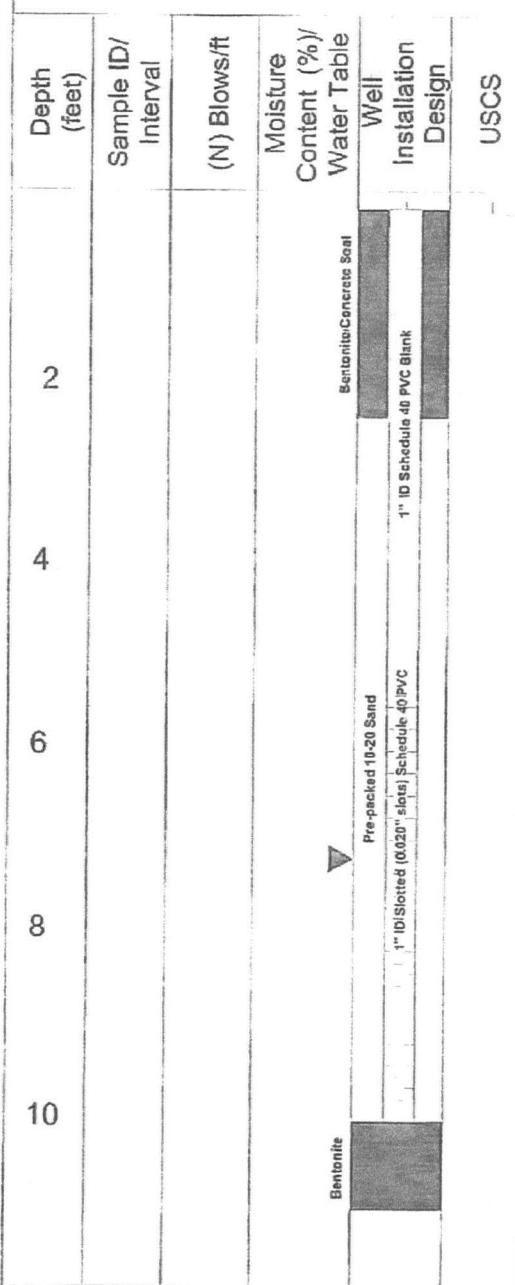
Date Logged: 12/16/03

Site Address: NEC South Kenyon Street & 8th Avenue South, Seattle, Washington

Boring/Well MW-3

Logged by T. Nanevitz on December 16, 2003
Driller: ESN Northwest, Inc.

Drilled using truck-mounted direct push rig.



Soil Description

flush-mounted traffic-rated monument with locked well cap.

- groundwater level during well installation



The Riley Group, Inc.
10728 LAKE CITY WAY NE
SEATTLE, WASHINGTON 98125

Silver Bay Logging Company, Inc.

Riley Project #
2003-232

Log of Boring MW-3

Appendix D-3

Lagged by: T. Nanevitz

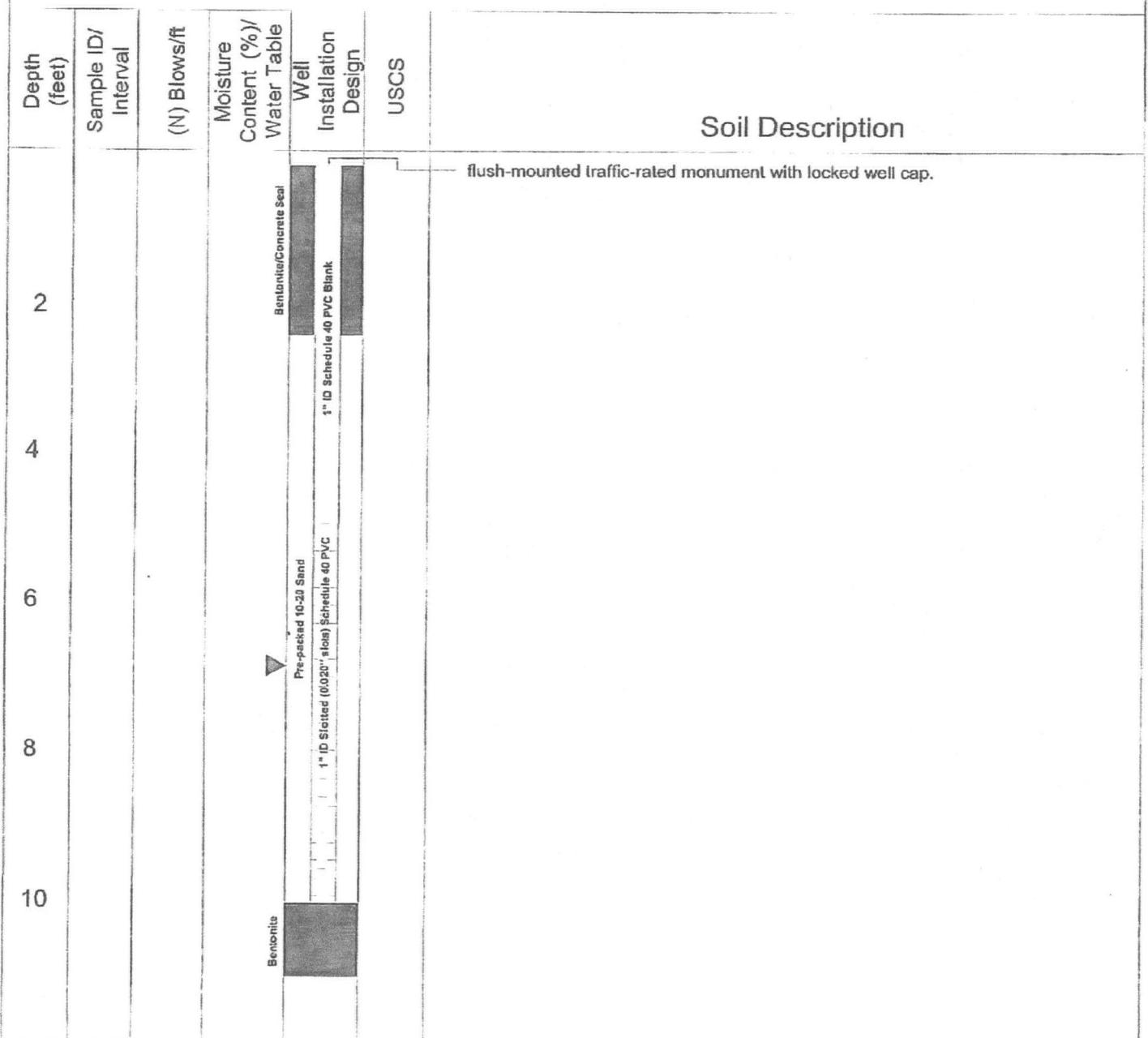
Date Logged: 12/16/03

Site Address: NEC South Kenyon Street & 8th Avenue South, Seattle, Washington

Boring/Well MW-4

Logged by T. Nanevicz on December 16, 2003
 Driller: ESN Northwest, Inc.

Drilled using truck-mounted direct push rig.



- groundwater level during well installation



The Riley Group, Inc.
 10728 LAKE CITY WAY NE
 SEATTLE, WASHINGTON 98125

Silver Bay Logging Company, Inc.

Riley Project #
 2003-232

Log of Boring MW-4

Appendix D-4

Logged by: T. Nanevicz

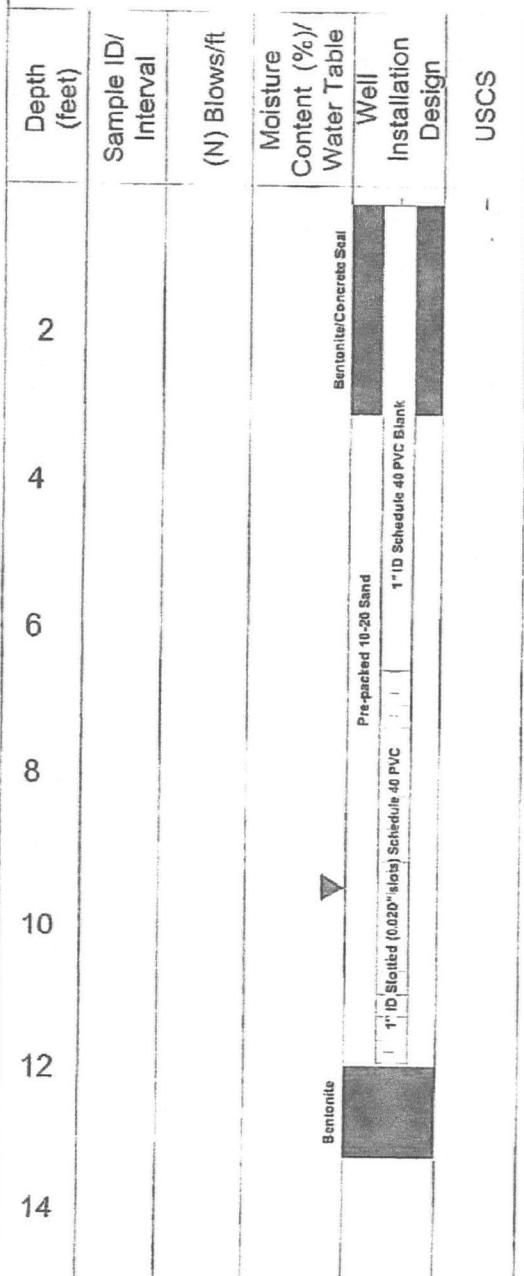
Date Logged: 12/16/03

Site Address: NEC South Kenyon Street & 8th Avenue South, Seattle, Washington

Boring/Well MW-5

Logged by T. Nanevitz on December 16, 2003
 Driller: ESN Northwest, Inc.

Drilled using truck-mounted direct push rig.



► groundwater level during well installation



The Riley Group, Inc.
 10728 LAKE CITY WAY NE
 SEATTLE, WASHINGTON 98125

Silver Bay Logging Company, Inc.

Riley Project #
 2003-232

Log of Boring MW-5

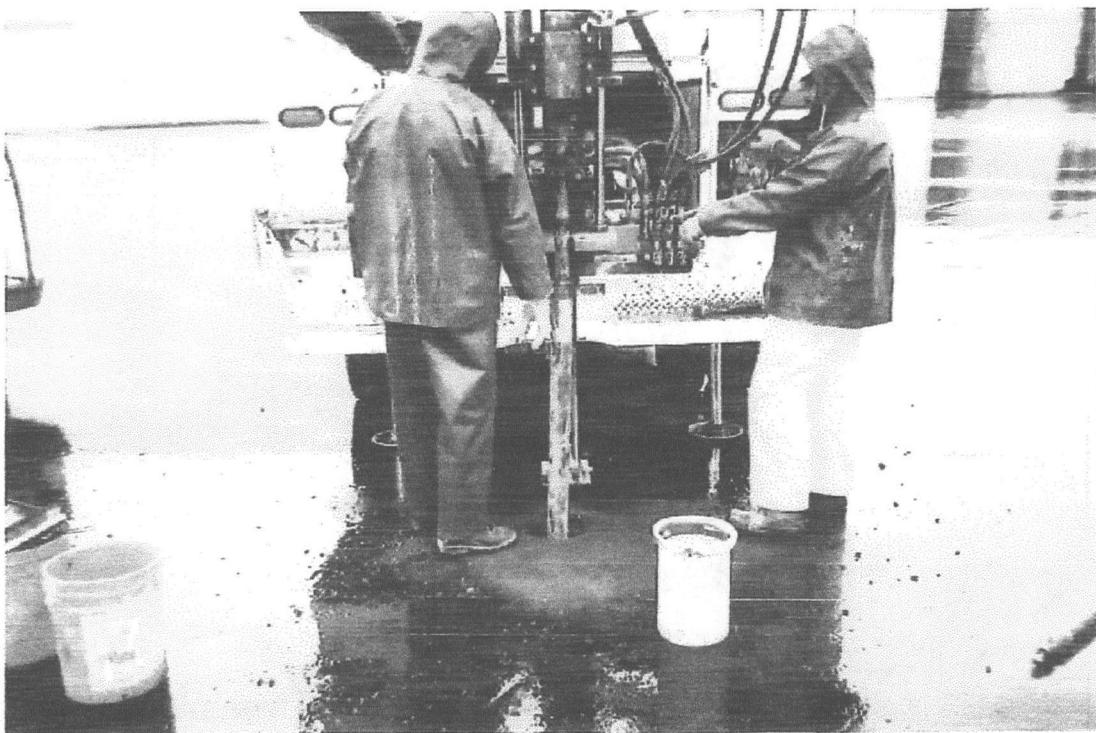
Appendix D-5

Logged by: T. Nanevitz

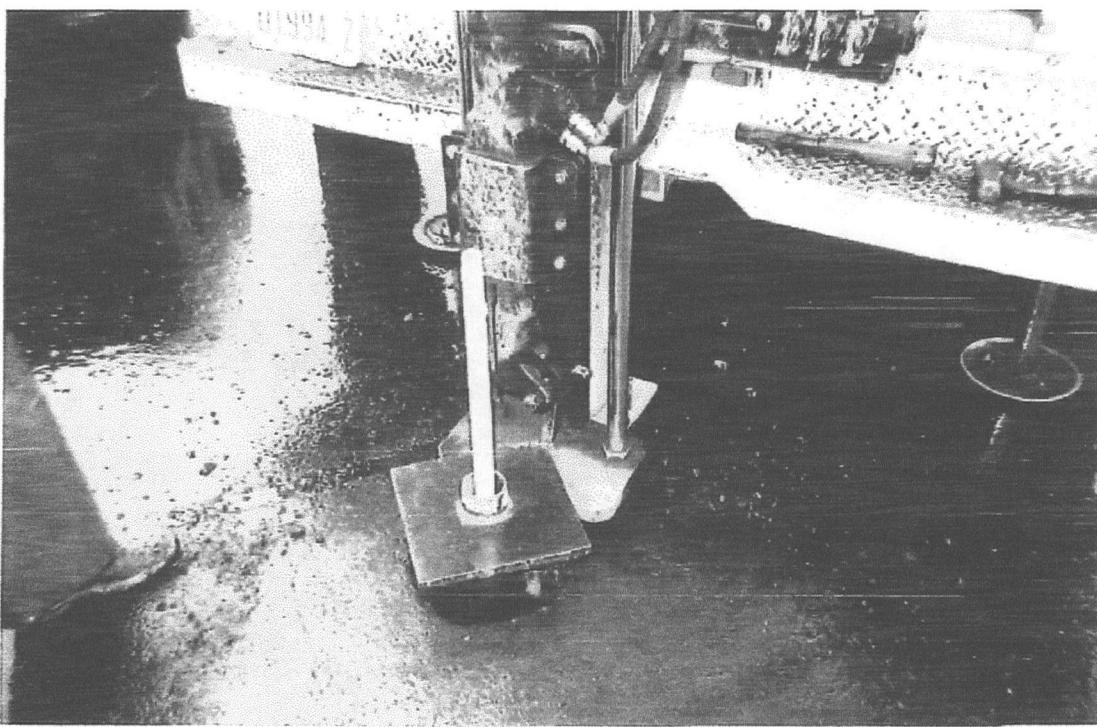
Date Logged: 12/16/03

Site Address: NEC South Kenyon Street & 8th Avenue South, Seattle, Washington

Appendix E



Photograph 1. View of workers probing at MW-01, looking southwest.



Photograph 2. View of the installation of monitoring well MW-01.



The Riley Group, Inc.
10728 LAKE CITY WAY NE
SEATTLE, WASHINGTON 98125

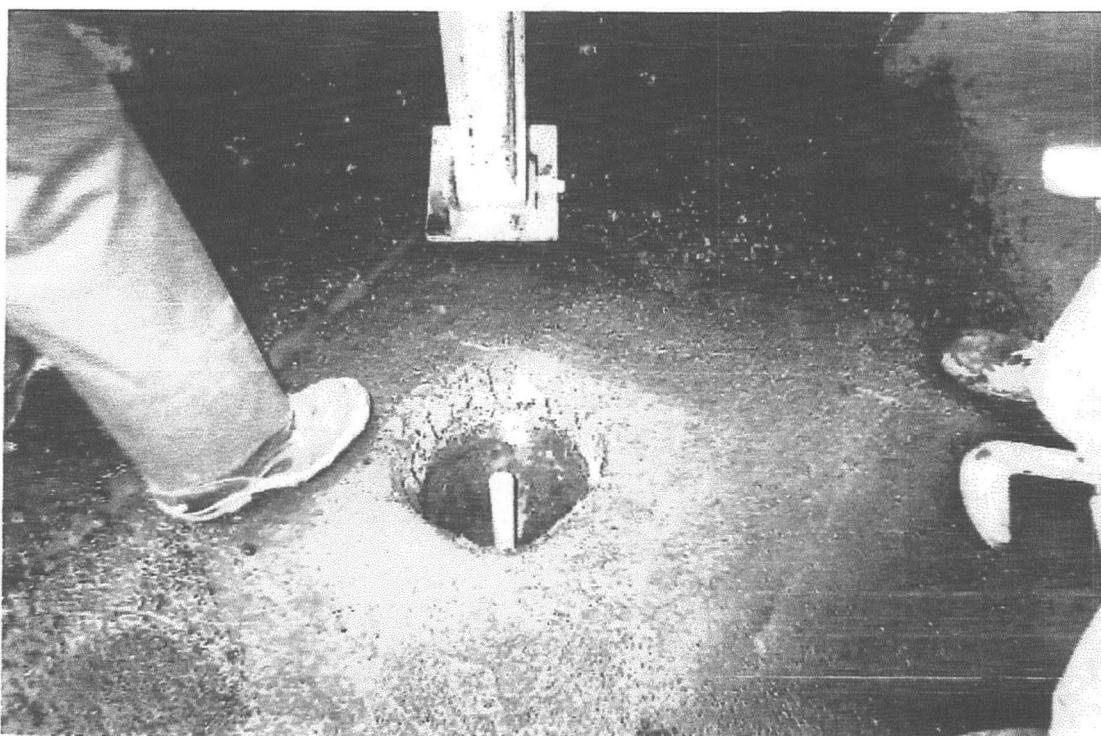
Silver Bay Logging

Riley Project #
2003-232

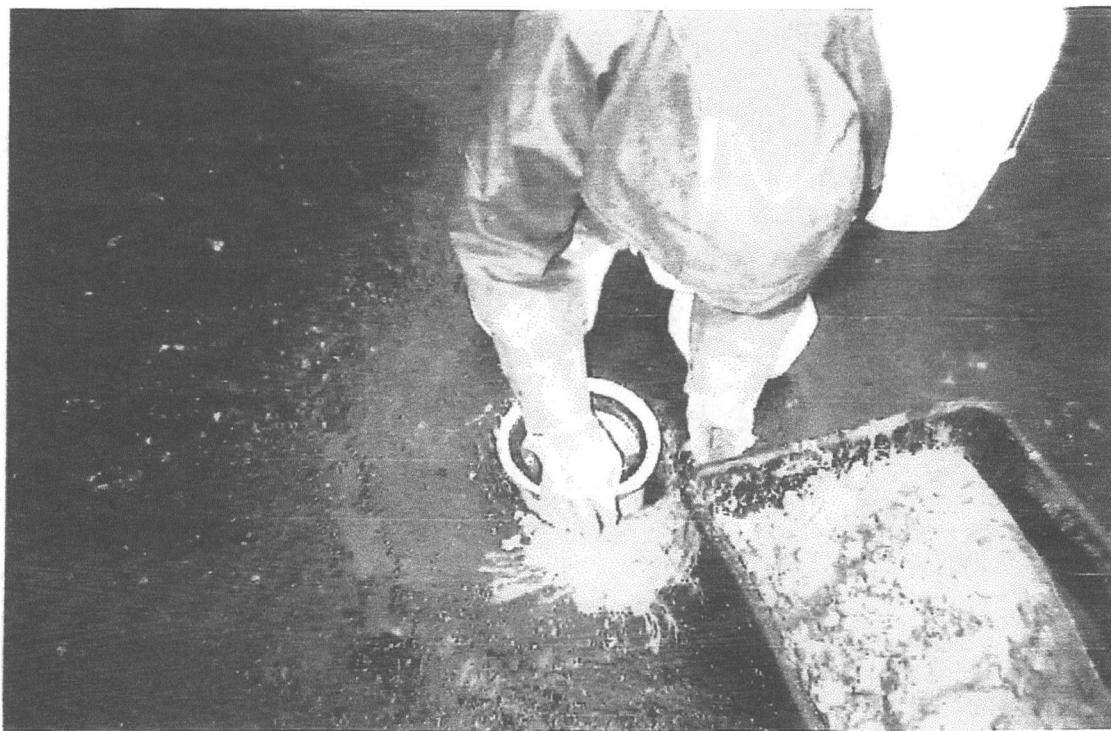
Site Photographs

Appendix E-1

Site Address: NEC South Kenyon Street & 8th Avenue South, Seattle, Washington



Photograph 3. The top of the riser at MW-O1 is several inches below grade.



Photograph 4. View of worker placing traffic-rated flush-mount monument at MW-O1.



The Riley Group, Inc.

10728 LAKE CITY WAY NE
SEATTLE, WASHINGTON 98125

Silver Bay Logging

Riley Project #
2003-232

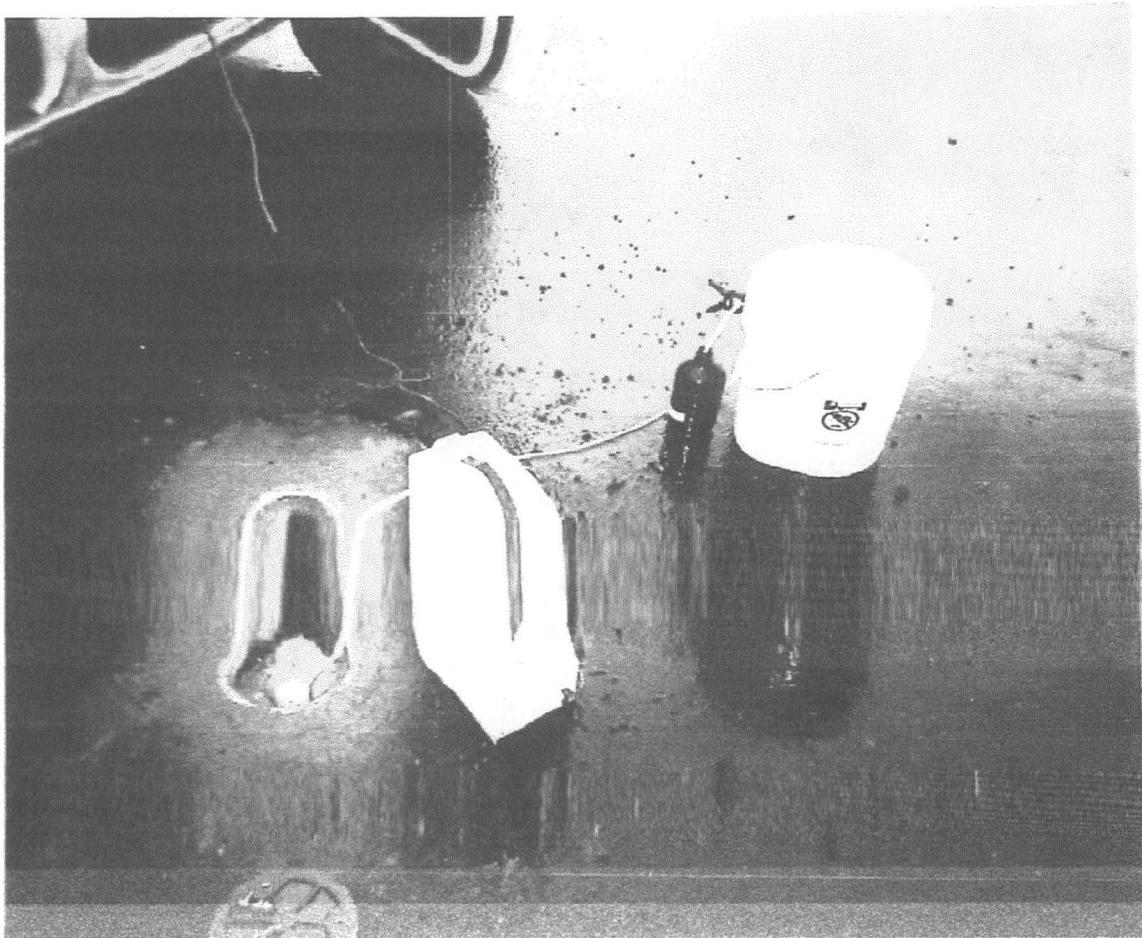
Site Photographs

Appendix E-2

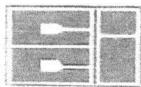
Site Address: NEC South Kenyon Street & 8th Avenue South, Seattle, Washington



Photograph 5. The steel monument was sealed into place with concrete.



Appendix F



CCI
ANALYTICAL
LABORATORIES, INC.

CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

DATE: 1/7/04
CCIL JOB #: 312081
CCIL SAMPLE #: 1
DATE RECEIVED: 12/17/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-MW01-H2O 12/16/03 15:05

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
DICHLORODIFLUOROMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
CHLOROMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
VINYL CHLORIDE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
BROMOMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
CHLOROETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
TRICHLORODIFLUOROMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,1-DICHLOROETHENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
METHYLENE CHLORIDE	EPA-8260	ND(<5)	UG/L	12/23/03	CCN
TRANS-1,2-DICHLOROETHENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,1-DICHLOROETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
CIS-1,2-DICHLOROETHENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
2,2-DICHLOROPROPANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
BROMOCHLOROMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
CHLOROFORM	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,1,1-TRICHLOROETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,1-DICHLOROPROPENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
CARBON TETRACHLORIDE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2-DICHLOROETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
TRICHLOROETHENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2-DICHLOROPROPANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
DIBROMOMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
BROMODICHLOROMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
TRANS-1,3-DICHLOROPROPENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
CIS-1,3-DICHLOROPROPENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,1,2-TRICHLOROETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,3-DICHLOROPROPANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
TETRACHLOROETHYLENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
DIBROMOCHLOROMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2-DIBROMOETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
CHLOROBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
BROMOFORM	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,1,2,2-TETRACHLOROETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2,3-TRICHLOROPROPANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
BROMOBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
2-CHLOROTOLUENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN



CCI
ANALYTICAL
LABORATORIES, INC.

CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

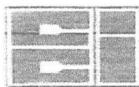
DATE: 1/7/04
CCIL JOB #: 312081
CCIL SAMPLE #: 1
DATE RECEIVED: 12/17/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-MW01-H2O 12/16/03 15:05

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
4-CHLOROTOLUENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,3 DICHLOROBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,4-DICHLOROBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2-DICHLOROBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2-DIBROMO 3-CHLOROPROPANE	EPA-8260	ND(<10)	UG/L	12/23/03	CCN
1,2,4-TRICHLOROBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
HEXACHLORO1,3-BUTADIENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2,3-TRICHLOROBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
PYRIDINE	EPA-8270	ND(<4)	UG/L	12/29/03	CCN
N-NITROSODIMETHYLAMINE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
PHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
ANILINE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BIS(2-CHLOROETHYL)ETHER	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2-CHLOROPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
1,3-DICHLOROBENZENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
1,4-DICHLOROBENZENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BENZYL ALCOHOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
1,2-DICHLOROBENZENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2-METHYLPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BIS(2-CHLOROISOPROPYL)ETHER	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
4-METHYLPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
N-NITROSO-DI-N-PROPYLAMINE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
HEXACHLOROETHANE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
NITROBENZENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
ISOPHORONE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2-NITROPHENOL	EPA-8270	ND(<5)	UG/L	12/29/03	CCN
2,4-DIMETHYLPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BENZOIC ACID	EPA-8270	ND(<20)	UG/L	12/29/03	CCN
BIS(2-CHLOROETHOXY)METHANE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2,4-DICHLOROPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
1,2,4-TRICHLOROBENZENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
NAPHTHALENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
4-CHLOROANILINE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2,6-DICHLOROPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN



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10728 LAKE CITY WAY NE
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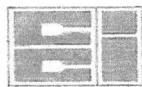
DATE: 1/7/04
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CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-MW01-H2O 12/16/03 15:05

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
HEXACHLOROBUTADIENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
4-CHLORO-3-METHYLPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2-METHYLNAPHTHALENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
1-METHYLNAPHTHALENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
HEXACHLOROCYCLOPENTADIENE	EPA-8270	ND(<10)	UG/L	12/29/03	CCN
2,4,6-TRICHLOROPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2,4,5-TRICHLOROPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2-CHLORONAPHTHANLENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2-NITROANILINE	EPA-8270	ND(<5)	UG/L	12/29/03	CCN
ACENAPHTHYLENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
DIMETHYLPHthalate	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2,6-DINITROTOLUENE	EPA-8270	ND(<5)	UG/L	12/29/03	CCN
ACENAPHTHENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
3-NITROANILINE	EPA-8270	ND(<5)	UG/L	12/29/03	CCN
2,4-DINITROPHENOL	EPA-8270	ND(<10)	UG/L	12/29/03	CCN
4-NITROPHENOL	EPA-8270	ND(<10)	UG/L	12/29/03	CCN
DIBENZOFURAN	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2,4-DINITROTOLUENE	EPA-8270	ND(<5)	UG/L	12/29/03	CCN
2,3,4,6-TETRACHLOROPHENOL	EPA-8270	ND(<5)	UG/L	12/29/03	CCN
DIETHYLPHthalate	EPA-8270	12	UG/L	12/29/03	CCN
FLUORENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
4-CHLOROPHENYL-PHENYLETHER	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
4-NITROANILINE	EPA-8270	ND(<5)	UG/L	12/29/03	CCN
4,6-DINITRO-2-METHYLPHENOL	EPA-8270	ND(<10)	UG/L	12/29/03	CCN
N-NITROSODIPHENYLAMINE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
AZOBENZENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
4-BROMOPHENYL-PHENYLETHER	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
HEXACHLOROBENZENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
PENTACHLOROPHENOL	EPA-8270	ND(<10)	UG/L	12/29/03	CCN
PHENANTHRENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
ANTHRACENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
CARBAZOLE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
DI-N-BUTYLPHthalate	EPA-8270	ND(<3)	UG/L	12/29/03	CCN
FLUORANTHENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
PYRENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN



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CCIL JOB #: 312081
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DATE RECEIVED: 12/17/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-MW01-H2O 12/16/03 15:05

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	DATE	ANALYSIS BY
BUTYLBENZYLPHthalATE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
3,3'-DICHLOROBENZIDINE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BENZO[A]ANTHRACENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
CHRYSENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BIS(2-ETHYLHEXYL)PHTHALATE	EPA-8270	ND(<3)	UG/L	12/29/03	CCN
DI-N-OCTYLPHthalATE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BENZO[B]FLUORANTHENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BENZO[K]FLUORANTHENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BENZO[A]PYRENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
INDENO[1,2,3-CD]PYRENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
DIBENZ[A,H]ANTHRACENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BENZO[G,H,I]PERYLENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
DISSOLVED ARSENIC	EPA-7060	0.025	MG/L	12/30/03	RAB
DISSOLVED BARIUM	EPA-6010	0.20	MG/L	12/18/03	RAB
DISSOLVED CADMIUM	EPA-6010	ND(<0.005)	MG/L	12/18/03	RAB
DISSOLVED CHROMIUM	EPA-6010	ND(<0.007)	MG/L	12/18/03	RAB
DISSOLVED LEAD	EPA-7421	ND(<0.003)	MG/L	12/29/03	RAB
DISSOLVED MERCURY	EPA-7470	ND(<.0002)	MG/L	12/31/03	RAB
DISSOLVED SELENIUM	EPA-6010	ND(<0.04)	MG/L	12/18/03	RAB
DISSOLVED SILVER	EPA-6010	ND(<0.03)	MG/L	12/18/03	RAB

* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: [Signature]



CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

DATE: 1/7/04
CCIL JOB #: 312081
CCIL SAMPLE #: 2
DATE RECEIVED: 12/17/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-MW02-H2O 12/16/03 17:15

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	DATE	ANALYSIS BY
TPH-DIESEL RANGE	NWTPH-DX W/CLEANUP	ND	UG/L	12/18/03	DLC
TPH-LUBE OIL RANGE	NWTPH-DX W/CLEANUP	ND	UG/L	12/18/03	DLC
DICHLORODIFLUOROMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
CHLOROMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
VINYL CHLORIDE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
BROMOMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
CHLOROETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
TRICHLOROFUOROMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
ACETONE	EPA-8260	30	UG/L	12/27/03	CCN
1,1-DICHLOROETHENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
METHYLENE CHLORIDE	EPA-8260	ND(<5)	UG/L	12/23/03	CCN
ACRYLONITRILE	EPA-8260	ND(<10)	UG/L	12/23/03	CCN
METHYL T-BUTYL ETHER	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
TRANS-1,2-DICHLOROETHENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,1-DICHLOROETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
2-BUTANONE	EPA-8260	52	UG/L	12/27/03	CCN
CIS-1,2-DICHLOROETHENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
2,2-DICHLOROPROPANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
BROMOCHLOROMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
CHLOROFORM	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,1,1-TRICHLOROETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,1-DICHLOROPROPENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
CARBON TETRACHLORIDE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2-DICHLOROETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
BENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
TRICHLOROETHENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2-DICHLOROPROPANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
DIBROMOMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
BROMODICHLOROMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
TRANS-1,3-DICHLOROPROPENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
4-METHYL-2-PENTANONE	EPA-8260	ND(<10)	UG/L	12/23/03	CCN
TOLUENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
CIS-1,3-DICHLOROPROPENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,1,2-TRICHLOROETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN



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CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
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DATE: 1/7/04
CCIL JOB #: 312081
CCIL SAMPLE #: 2
DATE RECEIVED: 12/17/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-MW02-H2O 12/16/03 17:15

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	DATE	ANALYSIS BY
2-HEXANONE	EPA-8260	ND(<10)	UG/L	12/23/03	CCN
1,3-DICHLOROPROPANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
TETRACHLOROETHYLENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
DIBROMOCHLOROMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2-DIBROMOETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
CHLOROBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,1,1,2-TETRACHLOROETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
ETHYLBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
M+P XYLENE	EPA-8260	ND(<4)	UG/L	12/23/03	CCN
STYRENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
O-XYLENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
BROMOFORM	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
ISOPROPYLBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,1,2,2-TETRACHLOROETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2,3-TRICHLOROPROPANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
BROMOBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
N-PROPYLBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
2-CHLOROTOLUENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,3,5-TRIMETHYLBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
4-CHLOROTOLUENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
T-BUTYL BENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2,4-TRIMETHYLBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
S-BUTYL BENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
P-ISOPROPYLtoluene	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,3 DICHLOROBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,4-DICHLOROBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
N-BUTYLBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2-DICHLOROBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2-DIBROMO 3-CHLOROPROPANE	EPA-8260	ND(<10)	UG/L	12/23/03	CCN
1,2,4-TRICHLOROBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
HEXAChLORO1,3-BUTADIENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
NAPHTHALENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2,3-TRICHLOROBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
PYRIDINE	EPA-8270	ND(<4)	UG/L	12/29/03	CCN



CCI
ANALYTICAL
LABORATORIES, INC.

CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

DATE: 1/7/04
CCIL JOB #: 312081
CCIL SAMPLE #: 2
DATE RECEIVED: 12/17/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-MW02-H2O 12/16/03 17:15

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
N-NITROSODIMETHYLAMINE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
PHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
ANILINE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BIS(2-CHLOROETHYL)ETHER	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2-CHLOROPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
1,3-DICHLOROBENZENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
1,4-DICHLOROBENZENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BENZYL ALCOHOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
1,2-DICHLOROBENZENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2-METHYLPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BIS(2-CHLOROISOPROPYL)ETHER	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
4-METHYLPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
N-NITROSO-DI-N-PROPYLAMINE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
HEXACHLOROETHANE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
NITROBENZENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
ISOPHORONE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2-NITROPHENOL	EPA-8270	ND(<5)	UG/L	12/29/03	CCN
2,4-DIMETHYLPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BENZOIC ACID	EPA-8270	ND(<20)	UG/L	12/29/03	CCN
BIS(2-CHLOROETHOXY)METHANE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2,4-DICHLOROPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
1,2,4-TRICHLOROBENZENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
NAPHTHALENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
4-CHLOROANILINE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2,6-DICHLOROPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
HEXACHLOROBUTADIENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
4-CHLORO-3-METHYLPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2-METHYLNAPHTHALENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
1-METHYLNAPHTHALENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
HEXACHLOROCYCLOPENTADIENE	EPA-8270	ND(<10)	UG/L	12/29/03	CCN
2,4,6-TRICHLOROPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2,4,5-TRICHLOROPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2-CHLORONAPHTHANE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2-NITROANILINE	EPA-8270	ND(<5)	UG/L	12/29/03	CCN
ACENAPHTHYLENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN



CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

DATE: 1/7/04
CCIL JOB #: 312081
CCIL SAMPLE #: 2
DATE RECEIVED: 12/17/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-MW02-H2O 12/16/03 17:15

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	DATE	ANALYSIS BY
DIMETHYLPHthalATE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2,6-DINITROTOLUENE	EPA-8270	ND(<5)	UG/L	12/29/03	CCN
ACENAPHTHENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
3-NITROANILINE	EPA-8270	ND(<5)	UG/L	12/29/03	CCN
2,4-DINITROPHENOL	EPA-8270	ND(<10)	UG/L	12/29/03	CCN
4-NITROPHENOL	EPA-8270	ND(<10)	UG/L	12/29/03	CCN
DIBENZOFURAN	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2,4-DINITROTOLUENE	EPA-8270	ND(<5)	UG/L	12/29/03	CCN
2,3,4,6-TETRACHLOROPHENOL	EPA-8270	ND(<5)	UG/L	12/29/03	CCN
DIETHYLPHthalATE	EPA-8270	7	UG/L	12/29/03	CCN
FLUORENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
4-CHLOROPHENYL-PHENYLETHER	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
4-NITROANILINE	EPA-8270	ND(<5)	UG/L	12/29/03	CCN
4,6-DINITRO-2-METHYLPHENOL	EPA-8270	ND(<10)	UG/L	12/29/03	CCN
N-NITROSODIPHENYLAMINE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
AZOBENZENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
4-BROMOPHENYL-PHENYLETHER	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
HEXACHLOROBENZENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
PENTACHLOROPHENOL	EPA-8270	ND(<10)	UG/L	12/29/03	CCN
PHENANTHRENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
ANTHRACENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
CARBAZOLE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
DI-N-BUTYLPHthalATE	EPA-8270	ND(<3)	UG/L	12/29/03	CCN
FLUORANTHENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
PYRENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BUTYLBENZYLPHthalATE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
3,3'-DICHLOROBENZIDINE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BENZO[<i>A</i>]ANTHRACENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
CHRYSENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BIS(2-ETHYLHEXYL)PHTHALATE	EPA-8270	ND(<3)	UG/L	12/29/03	CCN
DI-N-OCTYLPHthalATE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BENZO[<i>B</i>]FLUORANTHENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BENZO[<i>K</i>]FLUORANTHENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BENZO[<i>A</i>]PYRENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
INDENO[1,2,3-CD]PYRENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN



CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

DATE: 1/7/04
CCIL JOB #: 312081
CCIL SAMPLE #: 2
DATE RECEIVED: 12/17/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-MW02-H2O 12/16/03 17:15

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	DATE	BY
DIBENZ[A,H]ANTHRACENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BENZO[G,H,I]PERYLENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
DISSOLVED ARSENIC	EPA-7060	0.009	MG/L	12/30/03	RAB
DISSOLVED BARIUM	EPA-6010	ND(<0.16)	MG/L	12/18/03	RAB
DISSOLVED CADMIUM	EPA-6010	ND(<0.040)	MG/L	12/18/03	RAB
DISSOLVED CHROMIUM	EPA-6010	ND(<0.056)	MG/L	12/18/03	RAB
DISSOLVED LEAD	EPA-7421	ND(<0.003)	MG/L	12/29/03	RAB
DISSOLVED MERCURY	EPA-7470	ND(<.0002)	MG/L	12/31/03	RAB
DISSOLVED SELENIUM	EPA-6010	ND(<0.32)	MG/L	12/18/03	RAB
DISSOLVED SILVER	EPA-6010	ND(<0.24)	MG/L	12/18/03	RAB

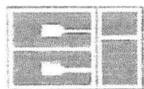
* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:

DIESEL RANGE REPORTING LIMIT IS 130 UG/L

LUBE OIL RANGE REPORTING LIMIT IS 250 UG/L

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY:



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ANALYTICAL
LABORATORIES, INC.

CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

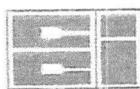
DATE: 1/7/04
CCIL JOB #: 312081
CCIL SAMPLE #: 3
DATE RECEIVED: 12/17/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-MW03-H2O 12/16/03 14:00

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
TPH-VOLATILE RANGE	NWTPH-GX	ND	UG/L	12/18/03	LAH
TPH-DIESEL RANGE	NWTPH-DX W/CLEANUP	ND	UG/L	12/18/03	DLC
TPH-LUBE OIL RANGE	NWTPH-DX W/CLEANUP	ND	UG/L	12/18/03	DLC
DICHLORODIFLUOROMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
CHLOROMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
VINYL CHLORIDE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
BROMOMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
CHLOROETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
TRICHLOROFUOROMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
ACETONE	EPA-8260	ND(<25)	UG/L	12/23/03	CCN
1,1-DICHLOROETHENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
METHYLENE CHLORIDE	EPA-8260	ND(<5)	UG/L	12/23/03	CCN
ACRYLONITRILE	EPA-8260	ND(<10)	UG/L	12/23/03	CCN
METHYL T-BUTYL ETHER	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
TRANS-1,2-DICHLOROETHENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,1-DICHLOROETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
2-BUTANONE	EPA-8260	26	UG/L	12/27/03	CCN
CIS-1,2-DICHLOROETHENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
2,2-DICHLOROPROPANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
BROMOCHLOROMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
CHLOROFORM	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,1,1-TRICHLOROETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,1-DICHLOROPROPENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
CARBON TETRACHLORIDE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2-DICHLOROETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
BENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
TRICHLOROETHENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2-DICHLOROPROPANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
DIBROMOMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
BROMODICHLOROMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
TRANS-1,3-DICHLOROPROPENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
4-METHYL-2-PENTANONE	EPA-8260	ND(<10)	UG/L	12/23/03	CCN
TOLUENE	EPA-8260	3	UG/L	12/23/03	CCN



CCI
ANALYTICAL
LABORATORIES, INC.

CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

DATE: 1/7/04
CCIL JOB #: 312081
CCIL SAMPLE #: 3
DATE RECEIVED: 12/17/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-MW03-H2O 12/16/03 14:00

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	DATE	ANALYSIS BY
CIS-1,3-DICHLOROPROPENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,1,2-TRICHLOROETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
2-HEXANONE	EPA-8260	ND(<10)	UG/L	12/23/03	CCN
1,3-DICHLOROPROPANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
TETRACHLOROETHYLENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
DIBROMOCHLOROMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2-DIBROMOETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
CHLOROBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,1,1,2-TETRACHLOROETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
ETHYLBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
M+P XYLENE	EPA-8260	ND(<4)	UG/L	12/23/03	CCN
STYRENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
O-XYLENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
BROMOFORM	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
ISOPROPYLBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,1,2,2-TETRACHLOROETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2,3-TRICHLOROPROPANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
BROMOBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
N-PROPYL BENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
2-CHLOROTOLUENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,3,5-TRIMETHYLBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
4-CHLOROTOLUENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
T-BUTYL BENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2,4-TRIMETHYLBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
S-BUTYL BENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
P-ISOPROPYL TOLUENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,3 DICHLOROBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,4-DICHLOROBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
N-BUTYL BENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2-DICHLOROBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2-DIBROMO 3-CHLOROPROPANE	EPA-8260	ND(<10)	UG/L	12/23/03	CCN
1,2,4-TRICHLOROBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
HEXAChLORO1,3-BUTADIENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
NAPHTHALENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2,3-TRICHLOROBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN



CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

DATE: 1/7/04
CCIL JOB #: 312081
CCIL SAMPLE #: 3
DATE RECEIVED: 12/17/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-MW03-H2O 12/16/03 14:00

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
DISSOLVED ARSENIC	EPA-7060	ND(<0.005)	MG/L	12/30/03	RAB
DISSOLVED BARIUM	EPA-6010	0.07	MG/L	12/18/03	RAB
DISSOLVED CADMIUM	EPA-6010	ND(<0.005)	MG/L	12/18/03	RAB
DISSOLVED CHROMIUM	EPA-6010	ND(<0.007)	MG/L	12/18/03	RAB
DISSOLVED LEAD	EPA-7421	ND(<0.003)	MG/L	12/29/03	RAB
DISSOLVED MERCURY	EPA-7470	ND(<.0002)	MG/L	12/31/03	RAB
DISSOLVED SELENIUM	EPA-6010	ND(<0.04)	MG/L	12/18/03	RAB
DISSOLVED SILVER	EPA-6010	ND(<0.03)	MG/L	12/18/03	RAB

* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:

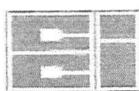
CASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 50 UG/L

DIESEL RANGE REPORTING LIMIT IS 130 UG/L

LUBE OIL RANGE REPORTING LIMIT IS 250 UG/L

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: 



CCI
ANALYTICAL
LABORATORIES, INC.

CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

DATE: 1/7/04
CCIL JOB #: 312081
CCIL SAMPLE #: 4
DATE RECEIVED: 12/17/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-MW04-H2O 12/16/03 12:45

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	DATE	ANALYSIS BY
TPH-VOLATILE RANGE	NWTPH-GX	ND	UG/L	12/18/03	LAH
BENZENE	EPA-8021	ND(<1)	UG/L	12/18/03	LAH
TOLUENE	EPA-8021	ND(<1)	UG/L	12/18/03	LAH
ETHYLBENZENE	EPA-8021	ND(<1)	UG/L	12/18/03	LAH
XYLEMES	EPA-8021	ND(<3)	UG/L	12/18/03	LAH
TPH-DIESEL RANGE	NWTPH-DX W/CLEANUP	570	UG/L	12/19/03	DLC
TPH-LUBE OIL RANGE	NWTPH-DX W/CLEANUP	ND	UG/L	12/19/03	DLC
DICHLORODIFLUOROMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
CHLOROMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
VINYL CHLORIDE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
BROMOMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
CHLOROETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
TRICHLOROFUOROMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,1-DICHLOROETHENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
METHYLENE CHLORIDE	EPA-8260	ND(<5)	UG/L	12/23/03	CCN
TRANS-1,2-DICHLOROETHENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,1-DICHLOROETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
CIS-1,2-DICHLOROETHENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
2,2-DICHLOROPROPANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
BROMOCHLOROMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
CHLOROFORM	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,1,1-TRICHLOROETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,1-DICHLOROPROPENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
CARBON TETRACHLORIDE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2-DICHLOROETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
TRICHLOROETHENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2-DICHLOROPROPANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
DIBROMOMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
BROMODICHLOROMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
TRANS-1,3-DICHLOROPROPENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
CIS-1,3-DICHLOROPROPENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,1,2-TRICHLOROETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN



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CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

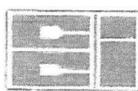
DATE: 1/7/04
CCIL JOB #: 312081
CCIL SAMPLE #: 4
DATE RECEIVED: 12/17/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-MW04-H2O 12/16/03 12:45

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	DATE	ANALYSIS BY
1,3-DICHLOROPROPANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
TETRACHLOROETHYLENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
DIBROMOCHLOROMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2-DIBROMOETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
CHLOROBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
BROMOFORM	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,1,2,2-TETRACHLOROETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2,3-TRICHLOROPROPANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
BROMOBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
2-CHLOROTOLUENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
4-CHLOROTOLUENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,3 DICHLOROBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,4-DICHLOROBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2-DICHLOROBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2-DIBROMO 3-CHLOROPROPANE	EPA-8260	ND(<10)	UG/L	12/23/03	CCN
1,2,4-TRICHLOROBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
HEXACHLORO1,3-BUTADIENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2,3-TRICHLOROBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
PYRIDINE	EPA-8270	ND(<4)	UG/L	12/29/03	CCN
N-NITROSODIMETHYLAMINE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
PHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
ANILINE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BIS(2-CHLOROETHYL)ETHER	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2-CHLOROPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
1,3-DICHLOROBENZENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
1,4-DICHLOROBENZENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BENZYL ALCOHOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
1,2-DICHLOROBENZENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2-METHYLPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BIS(2-CHLOROISOPROPYL)ETHER	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
4-METHYLPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
N-NITROSO-DI-N-PROPYLAMINE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
HEXACHLOROETHANE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
NITROBENZENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN



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10728 LAKE CITY WAY NE
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CCIL JOB #: 312081
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DATE RECEIVED: 12/17/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-MW04-H2O 12/16/03 12:45

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
ISOPHORONE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2-NITROPHENOL	EPA-8270	ND(<5)	UG/L	12/29/03	CCN
2,4-DIMETHYLPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BENZOIC ACID	EPA-8270	ND(<20)	UG/L	12/29/03	CCN
BIS(2-CHLOROETHOXY)METHANE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2,4-DICHLOROPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
1,2,4-TRICHLOROBENZENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
NAPHTHALENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
4-CHLOROANILINE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2,6-DICHLOROPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
HEXACHLOROBUTADIENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
4-CHLORO-3-METHYLPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2-METHYLNAPHTHALENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
1-METHYLNAPHTHALENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
HEXACHLOROCYCLOPENTADIENE	EPA-8270	ND(<10)	UG/L	12/29/03	CCN
2,4,6-TRICHLOROPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2,4,5-TRICHLOROPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2-CHLORONAPHTHANLENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2-NITROANILINE	EPA-8270	ND(<5)	UG/L	12/29/03	CCN
ACENAPHTHYLENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
DIMETHYLPHthalate	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2,6-DINITROTOLUENE	EPA-8270	ND(<5)	UG/L	12/29/03	CCN
ACENAPHTHENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
3-NITROANILINE	EPA-8270	ND(<5)	UG/L	12/29/03	CCN
2,4-DINITROPHENOL	EPA-8270	ND(<10)	UG/L	12/29/03	CCN
4-NITROPHENOL	EPA-8270	ND(<10)	UG/L	12/29/03	CCN
DIBENZOFURAN	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2,4-DINITROTOLUENE	EPA-8270	ND(<5)	UG/L	12/29/03	CCN
2,3,4,6-TETRACHLOROPHENOL	EPA-8270	ND(<5)	UG/L	12/29/03	CCN
DIETHYLPHthalate	EPA-8270	3	UG/L	12/29/03	CCN
FLUORENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
4-CHLOROPHENYL-PHENYLETHER	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
4-NITROANILINE	EPA-8270	ND(<5)	UG/L	12/29/03	CCN
4,6-DINITRO-2-METHYLPHENOL	EPA-8270	ND(<10)	UG/L	12/29/03	CCN
N-NITROSODIPHENYLAMINE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN



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WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-MW04-H2O 12/16/03 12:45

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	DATE	ANALYSIS BY
AZOBENZENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
4-BROMOPHENYL-PHENYLETHER	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
HEXACHLOROBENZENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
PENTACHLOROPHENOL	EPA-8270	ND(<10)	UG/L	12/29/03	CCN
PHENANTHRENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
ANTHRACENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
CARBAZOLE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
DI-N-BUTYLPHthalate	EPA-8270	ND(<3)	UG/L	12/29/03	CCN
FLUORANTHENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
PYRENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BUTYLBENZYLPHthalate	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
3,3'-DICHLOROBENZIDINE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BENZO[A]ANTHRACENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
CHRYSENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BIS(2-ETHYLHEXYL)PHTHALATE	EPA-8270	ND(<3)	UG/L	12/29/03	CCN
DI-N-OCTYLPHthalate	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BENZO[B]FLUORANTHENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BENZO[K]FLUORANTHENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BENZO[A]PYRENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
INDENO[1,2,3-CD]PYRENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
DIBENZ[A,H]ANTHRACENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BENZO[G,H,I]PERYLENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
DISSOLVED ARSENIC	EPA-7060	0.012	MG/L	12/30/03	RAB
DISSOLVED BARIUM	EPA-6010	ND(<0.16)	MG/L	12/18/03	RAB
DISSOLVED CADMIUM	EPA-6010	ND(<0.040)	MG/L	12/18/03	RAB
DISSOLVED CHromium	EPA-6010	ND(<0.056)	MG/L	12/18/03	RAB
DISSOLVED LEAD	EPA-7421	0.004	MG/L	12/29/03	RAB
DISSOLVED MERCURY	EPA-7470	ND(<.0002)	MG/L	12/31/03	RAB
DISSOLVED SELENIUM	EPA-6010	ND(<0.32)	MG/L	12/18/03	RAB
DISSOLVED SILVER	EPA-6010	ND(<0.24)	MG/L	12/18/03	RAB

NOTE: CHROMATOGRAM INDICATES SAMPLE CONTAINS LATE DIESEL RANGE PRODUCT



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CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-MW04-H2O 12/16/03 12:45

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
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* "ND" INDICATES ANALYTE ANALYZED FOR BUT NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES OR AS FOLLOWS:
GASOLINE(VOLATILE RANGE) REPORTING LIMIT IS 50 UG/L
DIESEL RANGE REPORTING LIMIT IS 130 UG/L
LUBE OIL RANGE REPORTING LIMIT IS 250 UG/L

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: 



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10728 LAKE CITY WAY NE
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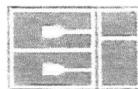
DATE: 1/7/04
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CCIL SAMPLE #: 5
DATE RECEIVED: 12/17/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-MW05-H2O 12/16/03 16:05

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	DATE	ANALYSIS BY
DICHLORODIFLUOROMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
CHLOROMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
VINYL CHLORIDE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
BROMOMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
CHLOROETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
TRICHLORODIFLUOROMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
ACETONE	EPA-8260	ND(<25)	UG/L	12/23/03	CCN
1,1-DICHLOROETHENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
METHYLENE CHLORIDE	EPA-8260	ND(<5)	UG/L	12/23/03	CCN
ACRYLONITRILE	EPA-8260	ND(<10)	UG/L	12/23/03	CCN
METHYL T-BUTYL ETHER	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
TRANS-1,2-DICHLOROETHENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,1-DICHLOROETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
2-BUTANONE	EPA-8260	12	UG/L	12/23/03	CCN
CIS-1,2-DICHLOROETHENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
2,2-DICHLOROPROPANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
BROMOCHLOROMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
CHLOROFORM	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,1,1-TRICHLOROETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,1-DICHLOROPROPENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
CARBON TETRACHLORIDE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2-DICHLOROETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
BENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
TRICHLOROETHENE	EPA-8260	2	UG/L	12/23/03	CCN
1,2-DICHLOROPROPANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
DIBROMOMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
BROMODICHLOROMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
TRANS-1,3-DICHLOROPROPENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
4-METHYL-2-PENTANONE	EPA-8260	ND(<10)	UG/L	12/23/03	CCN
TOLUENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
CIS-1,3-DICHLOROPROPENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,1,2-TRICHLOROETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
2-HEXANONE	EPA-8260	ND(<10)	UG/L	12/23/03	CCN
1,3-DICHLOROPROPANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
TETRACHLOROETHYLENE	EPA-8260	16	UG/L	12/23/03	CCN



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CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-MW05-H2O 12/16/03 16:05

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	ANALYSIS DATE	ANALYSIS BY
DIBROMOCHLOROMETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2-DIBROMOETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
CHLOROBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,1,1,2-TETRACHLOROETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
ETHYLBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
M+P XYLENE	EPA-8260	ND(<4)	UG/L	12/23/03	CCN
STYRENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
O-XYLENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
BROMOFORM	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
ISOPROPYLBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,1,2,2-TETRACHLOROETHANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2,3-TRICHLOROPROPANE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
BROMOBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
N-PROPYL BENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
2-CHLOROTOLUENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,3,5-TRIMETHYLBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
4-CHLOROTOLUENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
T-BUTYL BENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2,4-TRIMETHYLBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
S-BUTYL BENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
P-ISOPROPYL TOLUENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,3 DICHLOROBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,4-DICHLOROBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
N-BUTYLBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2-DICHLOROBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2-DIBROMO 3-CHLOROPROPANE	EPA-8260	ND(<10)	UG/L	12/23/03	CCN
1,2,4-TRICHLOROBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
HEXACHLORO1,3-BUTADIENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
NAPHTHALENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
1,2,3-TRICHLOROBENZENE	EPA-8260	ND(<2)	UG/L	12/23/03	CCN
PYRIDINE	EPA-8270	ND(<4)	UG/L	12/29/03	CCN
N-NITROSODIMETHYLAMINE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
PHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
ANILINE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN



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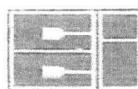
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CCIL JOB #: 312081
CCIL SAMPLE #: 5
DATE RECEIVED: 12/17/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-MW05-H2O 12/16/03 16:05

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	DATE	ANALYSIS BY
BIS(2-CHLOROETHYL)ETHER	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2-CHLOROPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
1,3-DICHLOROBENZENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
1,4-DICHLOROBENZENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BENZYL ALCOHOL	EPA-8270	4	UG/L	12/29/03	CCN
1,2-DICHLOROBENZENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2-METHYLPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BIS(2-CHLOROISOPROPYL)ETHER	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
4-METHYLPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
N-NITROSO-DI-N-PROPYLAMINE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
HEXACHLOROETHANE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
NITROBENZENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
ISOPHORONE	EPA-8270	3	UG/L	12/29/03	CCN
2-NITROPHENOL	EPA-8270	ND(<5)	UG/L	12/29/03	CCN
2,4-DIMETHYLPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BENZOIC ACID	EPA-8270	ND(<20)	UG/L	12/29/03	CCN
BIS(2-CHLOROETHOXY)METHANE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2,4-DICHLOROPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
1,2,4-TRICHLOROBENZENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
NAPHTHALENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
4-CHLOROANILINE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2,6-DICHLOROPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
HEXACHLOROBUTADIENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
4-CHLORO-3-METHYLPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2-METHYLNAPHTHALENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
1-METHYLNAPHTHALENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
HEXACHLOROCYCLOPENTADIENE	EPA-8270	ND(<10)	UG/L	12/29/03	CCN
2,4,6-TRICHLOROPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2,4,5-TRICHLOROPHENOL	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2-CHLORONAPHTHANLENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2-NITROANILINE	EPA-8270	ND(<5)	UG/L	12/29/03	CCN
ACENAPHTHYLENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
DIMETHYLPHTHALATE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2,6-DINITROTOLUENE	EPA-8270	ND(<5)	UG/L	12/29/03	CCN
ACENAPHTHENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN



CCI
ANALYTICAL
LABORATORIES, INC.

CERTIFICATE OF ANALYSIS

CLIENT: THE RILEY GROUP, INC.
10728 LAKE CITY WAY NE
SEATTLE, WA 98125

DATE: 1/7/04
CCIL JOB #: 312081
CCIL SAMPLE #: 5
DATE RECEIVED: 12/17/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-MW05-H2O 12/16/03 16:05

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	DATE	ANALYSIS BY
3-NITROANILINE	EPA-8270	ND(<5)	UG/L	12/29/03	CCN
2,4-DINITROPHENOL	EPA-8270	ND(<10)	UG/L	12/29/03	CCN
4-NITROPHENOL	EPA-8270	ND(<10)	UG/L	12/29/03	CCN
DIBENZOFURAN	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
2,4-DINITROTOLUENE	EPA-8270	ND(<5)	UG/L	12/29/03	CCN
2,3,4,6-TETRACHLOROPHENOL	EPA-8270	ND(<5)	UG/L	12/29/03	CCN
DIETHYLPHthalate	EPA-8270	12	UG/L	12/29/03	CCN
FLUORENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
4-CHLOROPHENYL-PHENYLETHER	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
4-NITROANILINE	EPA-8270	ND(<5)	UG/L	12/29/03	CCN
4,6-DINITRO-2-METHYLPHENOL	EPA-8270	ND(<10)	UG/L	12/29/03	CCN
N-NITROSODIPHENYLAMINE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
AZOBENZENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
4-BROMOPHENYL-PHENYLETHER	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
HEXACHLOROBENZENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
PENTACHLOROPHENOL	EPA-8270	ND(<10)	UG/L	12/29/03	CCN
PHENANTHRENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
ANTHRACENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
CARBAZOLE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
DI-N-BUTYLPHthalate	EPA-8270	5	UG/L	12/29/03	CCN
FLUORANTHENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
PYRENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BUTYLBENZYLPHthalate	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
3,3'-DICHLOROBENZIDINE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BENZO[A]ANTHRACENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
CHRYSENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BIS(2-ETHYLHEXYL)PHTHALATE	EPA-8270	ND(<3)	UG/L	12/29/03	CCN
DI-N-OCTYLPHthalate	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BENZO[B]FLUORANTHENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BENZO[K]FLUORANTHENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BENZO[A]PYRENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
INDENO[1,2,3-CD]PYRENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
DIBENZA,H]ANTHRACENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN
BENZO[G,H,I]PERYLENE	EPA-8270	ND(<2)	UG/L	12/29/03	CCN



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CLIENT CONTACT: ELIZABETH RACHMAN

CLIENT PROJECT ID: 2003-232
CLIENT SAMPLE ID: SBL-MW05-H2O 12/16/03 16:05

DATA RESULTS

ANALYTE	METHOD	RESULTS*	UNITS**	DATE	ANALYSIS BY
DISSOLVED ARSENIC	EPA-7060	ND(<0.005)	MG/L	12/30/03	RAB
DISSOLVED BARIUM	EPA-6010	ND(<0.02)	MG/L	12/18/03	RAB
DISSOLVED CADMIUM	EPA-6010	ND(<0.005)	MG/L	12/18/03	RAB
DISSOLVED CHROMIUM	EPA-6010	ND(<0.007)	MG/L	12/18/03	RAB
DISSOLVED LEAD	EPA-7421	ND(<0.003)	MG/L	12/29/03	RAB
DISSOLVED MERCURY	EPA-7470	ND(<.0002)	MG/L	12/31/03	RAB
DISSOLVED SELENIUM	EPA-6010	ND(<0.04)	MG/L	12/18/03	RAB
DISSOLVED SILVER	EPA-6010	ND(<0.03)	MG/L	12/18/03	RAB

* "ND" INDICATES ANALYTE NOT DETECTED AT LEVEL ABOVE REPORTING LIMIT. REPORTING LIMIT IS GIVEN IN PARENTHESES

** UNITS FOR ALL NON LIQUID SAMPLES ARE REPORTED ON A DRY WEIGHT BASIS

APPROVED BY: [Signature]



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DATE: 1/7/04
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CLIENT PROJECT ID: 2003-232

QUALITY CONTROL RESULTS

SURROGATE RECOVERY

CCIL SAMPLE ID	ANALYTE	SUR ID	% RECV
312081-01	EPA-8260	1,2-DCE-d4	118
312081-01	EPA-8260	4-BFB	99
312081-01	EPA-8270	2-FLUOROPHENOL	44
312081-01	EPA-8270	PHENOL-d5	31
312081-01	EPA-8270	NITROBENZENE-d5	91
312081-01	EPA-8270	2-FLUOROBIPHENYL	73
312081-01	EPA-8270	2,4,6-TRIBROMOPHENOL	84
312081-01	EPA-8270	TERPHENYL-d14	92
312081-02	NWTPH-DX W/CLEANUP	C25	120
312081-02	EPA-8260	1,2-DCE-d4	118
312081-02	EPA-8260	TOLUENE-d8	102
312081-02	EPA-8260	4-BFB	103
312081-02 ACETONE, 2-BUTANONE	EPA-8260	1,2-DCE-d4	104
312081-02 ACETONE, 2-BUTANONE	EPA-8260	TOLUENE-d8	101
312081-02 ACETONE, 2-BUTANONE	EPA-8260	4-BFB	100
312081-02	EPA-8270	2-FLUOROPHENOL	46
312081-02	EPA-8270	PHENOL-d5	30
312081-02	EPA-8270	NITROBENZENE-d5	93
312081-02	EPA-8270	2-FLUOROBIPHENYL	76
312081-02	EPA-8270	2,4,6-TRIBROMOPHENOL	87
312081-02	EPA-8270	TERPHENYL-d14	89
312081-03	NWTPH-GX	TFT	106
312081-03	NWTPH-DX W/CLEANUP	C25	130
312081-03	EPA-8260	1,2-DCE-d4	118
312081-03	EPA-8260	TOLUENE-d8	108
312081-03	EPA-8260	4-BFB	95
312081-03 2-BUTANONE	EPA-8260	1,2-DCE-d4	109
312081-03 2-BUTANONE	EPA-8260	TOLUENE-d8	103



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DATE: 1/7/04
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DATE RECEIVED: 12/17/03
WDOE ACCREDITATION #: C142

CLIENT CONTACT: ELIZABETH RACHMAN

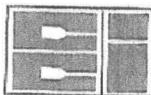
CLIENT PROJECT ID: 2003-232

QUALITY CONTROL RESULTS

SURROGATE RECOVERY

CCIL SAMPLE ID	ANALYTE	SUR ID	% RECV
312081-03 2-BUTANONE	EPA-8260	4-BFB	96
312081-04	NWTPH-GX	TFT	92
312081-04	EPA-8021	TFT	92
312081-04	NWTPH-DX W/CLEANUP	C25	148
312081-04	EPA-8260	1,2-DCE-d4	115
312081-04	EPA-8260	4-BFB	100
312081-04	EPA-8270	2-FLUOROPHENOL	43
312081-04	EPA-8270	PHENOL-d5	29
312081-04	EPA-8270	NITROBENZENE-d5	99
312081-04	EPA-8270	2-FLUOROBIPHENYL	74
312081-04	EPA-8270	2,4,6-TRIBROMOPHENOL	88
312081-04	EPA-8270	TERPHENYL-d14	90
312081-05	EPA-8260	1,2-DCE-d4	116
312081-05	EPA-8260	TOLUENE-d8	106
312081-05	EPA-8260	4-BFB	90
312081-05	EPA-8270	2-FLUOROPHENOL	43
312081-05	EPA-8270	PHENOL-d5	32
312081-05	EPA-8270	NITROBENZENE-d5	96
312081-05	EPA-8270	2-FLUOROBIPHENYL	73
312081-05	EPA-8270	2,4,6-TRIBROMOPHENOL	72
312081-05	EPA-8270	TERPHENYL-d14	88

APPROVED BY: CL



CCI Analytical Laboratories, Inc.
8620 Holly Drive
Everett, WA 98208
Phone (425) 356-2600
(206) 292-9059 Seattle
(425) 356-2626 Fax
<http://www.ccilabs.com>

Chain Of Custody/ Laboratory Analysis Request

CCI Job# (Laboratory Use Only)

PROJECT ID: <i>2002-232</i> REPORT TO COMPANY: <i>For Environmental Services</i> PROJECT MANAGER: <i>Environmental Services</i> ADDRESS: <i>Seattle, WA 98103</i> PHONE: <i>206-467-1234</i> FAX: <i>206-467-1235</i> PO. NUMBER: <i>1234567890</i> E-MAIL: <i>info@ccilabs.com</i> INVOICE TO COMPANY: ATTENTION: ADDRESS:					Date _____ Page _____ of _____		OTHER (Specify)																						
ANALYSIS REQUESTED					ANALYSIS REQUESTED																								
NW/TPH-HCID	NW/TPH-DX	NW/TPH-GX	BTEX by EPA-8021	MTRI by EPA-8021	EPA-8260	Halogenated Volatiles by EPA-8260	Volatile Organic Compounds by EPA-8260	Ethylene Nitronide (EDN) by EPA-8260	EPA-504, I	1,2-Dichloroethene (EDC) by EPA-8260	Semi-volatile Organic Compounds by EPA-8270	Polyyclic Aromatic Hydrocarbons (PAH) by EPA-8270 SIA	PCB	Pesticides	EPA 8081/8032	Metals-MTCA-5	RCRA 8	Pn Pol	VAL	Metals Other (Specify)	ICP-Metals	VOA	Semi-Vol	Pest.	Herbs				
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.	27.	28.	29.	30.

SPECIAL INSTRUCTIONS

CCI Analytical Laboratories, Inc accepts and processes this request on the terms and conditions set forth on the reverse side. By its signature hereon, Customer accepts these terms and conditions.
SIGNATURES (Name, Company, Date, Time):

1. Relinquished By: *John Doe, Environmental Services*

Received By: *John Doe, Environmental Services*

2. Relinquished By: *John Doe, Environmental Services*

Received By: *John Doe, Environmental Services*

TURNAROUND REQUESTED in Business Days*

OTHER:

10 5 3 2 1 SAME DAY

Specify:

Fuels & Hydrocarbon Analysis

5 3 1 SAME DAY

Standard

* Turnaround request less than standard may incur Rush fees

NUMBER OF CONTAINERS

RECEIVED IN GOOD CONDITION?